



Drainage Services Department

Port Shelter Sewerage, Stage 3 – Sewerage Works at Po Toi O

Quarterly EM&A Report (Period from Jun to Aug 2025)

Prepared by

SGS Hong Kong Limited

Certified by:

A handwritten signature in black ink, appearing to be 'JH' inside a circular scribble.

Johnathan Ho

Environmental Team Leader

Verified by:

A handwritten signature in black ink, appearing to be 'F.C. Tsang' in a cursive style.

F.C. Tsang

Independent Environmental Checker

Our Ref: PL-202509034

Drainage Services Department
Special Duty Division
42/F, Revenue Tower, 5 Gloucester Road,
Wan Chai, Hong Kong.

Attention: Mr. Gary CHUNG

29 September 2025

Dear Gary,

**Port Shelter Sewerage, Stage3 - Sewerage Works at Po Toi O
Quarterly EM&A Report for March 2025 to May 2025**

Reference is made to your submission of the Quarterly EM&A Report for March 2025 to May 2025 (Revision 02). We are pleased to inform you that we have no adverse comment on the captioned report.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours faithfully,



F.C. Tsang
Independent Environmental Checker

cc. ETL – Johnathan HO



**Drainage Services Department
Port Shelter Sewerage, Stage 3 – Sewerage
Works at Po Toi O
Quarterly EM&A Report
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Prepared by

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Drainage Services Department

Issue and Revision Record

Revision	Description	Prepared by	Checked by	Approved by	Date
02	Submission	Various	Johnathan Ho 	Roy Hung 	Oct 2025

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1. EXECUTIVE SUMMARY

- 1.1 This Quarterly Environmental Monitoring & Audit (EM&A) report presents the EM&A works performed in the period between June to August 2025 for “Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O”.
- 1.2 The impact stage EM&A Programme for the Project includes air quality, noise, water quality, waste, ecology, fisheries, landscape and visual and built heritage monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.
- 1.3 The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the EM&A works that adequate environmental mitigation measures have been implemented by the contractor where appropriate in the reporting quarter.
- 1.4 The construction commencement date of the project was revised on 27 April 2021. The construction commencement date of provision of village sewerage to the unsewered areas of Po Toi O has been revised from 1 March 2021 to 16 June 2021, and the construction commencement date of village sewerage construction of the local sewage treatment plant (STP) has been revised from 10 May 2021 to 16 June 2021. In view of the revised construction commencement date, the EM&A programme was subsequently suspended from 28 April 2021 until 16 June 2021.

Exceedance of Action and Limit Level

- 1.5 There was no action or limit level exceedance record of construction noise and air quality was recorded in the reporting quarter.

Implementation of Mitigation Measures

- 1.6 Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractor in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix E**.

Record of Complaints

- 1.7 No complaints, notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.
- 1.8 No air quality, noise and water complaints during 0700 – 1900 hours on normal weekdays was received in the reporting quarter.

Record of Notification of Summons and Successful Prosecutions

- 1.9 No notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.

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2. INTRODUCTION

Project Information

- 2.1 Société Générale de Surveillance (SGS) Hong Kong Limited has been appointed by Drainage Services Department (DSD) as the Environmental Team (ET) to undertake the EM&A programme during construction phase of the Project in accordance to the approved EM&A Manual for the proposed sewerage works in Po Toi O (hereafter as “The Project”), an environmental enhancement project that aims to improve environmental hygiene of the Po Toi O area.
- 2.2 The Quarterly EM&A Report is prepared in accordance with the Section 13.6 of the EM&A Manual. This Quarterly EM&A Report presents the monitoring works conducted from 1 June to 31 August 2025. The purpose of this report is to summary the findings in the EM&A of the project over the reporting quarter.

Project Organization

- 2.3 The project organization chart, key personnel contact names and numbers and lines of communication with respect to the onsite environmental management performce is shown in **Appendix C**.

Environmental Status in the Reporting Quarter

- 2.4 During the reporting quarter, construction works at Po Toi O undertaken include:
- Major activities in the reporting quarter:
 1. Construction of village sewer;
 2. Superstructure works for Po Toi O Sewage Treatment Plant;
 3. Coring of village sewer
 - Major activities in the upcoming quarter:
 1. Construction of village sewer;
 2. Excavation works and construction of ELS for Po Toi O Sewage Treatment Plant;
 3. Coring of village sewer
- 2.5 The Construction Works Programme of the Project is provided in **Appendix D**.

3. SUMMARY OF EM&A MONITORING REQUIREMENTS

3.1 In accordance with the EM&A Manual, environmental parameters including air quality, noise & water quality have been monitored in the reporting quarter. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 3-1** and **Table 3-2**. Locations of the monitoring stations are provided in **Appendix A**.

Table 3-1 Summary of Impact EM&A Requirements (Air & Noise)

Parameters ²	Descriptions	Locations ¹	Frequencies	Action Level	Limit Level
Air Quality	24-hour TSP	AMS1N	At least once every 6 days	153 µg/m ³	260 µg/m ³
	24-hour TSP	AMS2N1		179 µg/m ³	
	24-hour TSP	AMS3N		158 µg/m ³	
	24-hour TSP	AMS4N		144 µg/m ³	
	1-hour TSP	AMS1N		319 µg/m ³	500 µg/m ³
	1-hour TSP	AMS2N1		279 µg/m ³	
	1-hour TSP	AMS3N		303 µg/m ³	
	1-hour TSP	AMS4N		278 µg/m ³	
Noise	Leq, 30 minutes	NMS1N	At least once per week	When one documented complaint is received from any one of the noise sensitive receivers	75 dB(A)*
	Leq, 30 minutes	NMS2N1			
	Leq, 30 minutes	NMS3N			
	Leq, 30 minutes	NMS4N			

Notes:

1- Due to several limitations (i.e. EM&A approved monitoring stations not accessible) identified at the air quality and noise monitoring stations in the Approved EM&A Manual for the Project, the monitoring location AMS1 – AMS4 & NMS1 – NMS4 were replaced by alternative monitoring location AMS1N – AMS4N & NMS1N – NMS4N, which was approved by ER and IEC.

Table 3-2 Summary of Impact EM&A Requirements (Water Quality)

Parameters ²	Descriptions	Locations ¹	Frequencies	DO AL	TUBIDITY AL	SS AL	DO LL	TUBIDITY LL	SS LL
Water Quality	Turbidity (NTU) DO (mg/L and % Of Saturation) SS (mg/L)	WMS1N	3 Days Per Week (The Interval Between Two Sets of Monitoring Shall Not Be Less Than 36 Hours.)	7.57 (S&M) 7.50 (B)	1.11	10	7.55 (S&M) 7.45 (B)	1.90	12
		WMS2N		7.58 (S&M) 7.49 (B)	1.60	9	7.51 (S&M) 7.36 (B)	2.50	12
		WMS3		7.62 (S&M)	1.30	10	7.49 (S&M)	1.50	12
		WMS4		7.73 (S&M)	1.47	9	7.53 (S&M)	1.75	10
		WMS5		7.62 (S&M)	1.50	8.65	7.60 (S&M)	1.70	12
		WMS6		7.56 (S&M) 7.41 (B)	1.40	9	7.42 (S&M) 7.37 (B)	1.70	11
		I1		7.52 (S&M) 7.50 (B)	1.55	11.45	7.40 (S&M) 7.44 (B)	2.03	15
		I2		7.59 (S&M) 7.53 (B)	1.15	10	7.04 (S&M) 7.51 (B)	1.80	12

Environmental Mitigation Measures

3.2 Environmental mitigation measures have been recommended in the EM&A Manual. Summary implementation status of the environmental mitigation measures is provided in **Appendix E**.

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4. SUMMARY OF EM&A MONITORING RESULTS

4.1 In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and present in **Appendix F**. Monitoring data with graphical presentation for the reporting quarter are show in **Appendix G**. A Summary on the monitoring results is presented in **Table 4-1**.

Table 4-1 Summary of Monitoring Data

Parameter ¹	Monitoring Location	Minimum	Maximum	Average
Air Quality				
24-hour TSP	AMS1N	15 µg/m ³	40 µg/m ³	29.0 µg/m ³
24-hour TSP	AMS2N1	13 µg/m ³	45 µg/m ³	29.9 µg/m ³
24-hour TSP	AMS3N	14 µg/m ³	51 µg/m ³	28.6 µg/m ³
24-hour TSP	AMS4N	11 µg/m ³	33 µg/m ³	24.3 µg/m ³
1-hour TSP	AMS1N	19 µg/m ³	64 µg/m ³	31.7 µg/m ³
1-hour TSP	AMS2N1	16 µg/m ³	63 µg/m ³	33.6 µg/m ³
1-hour TSP	AMS3N	14 µg/m ³	72 µg/m ³	30.5 µg/m ³
1-hour TSP	AMS4N	16 µg/m ³	54 µg/m ³	26.9 µg/m ³
Construction Noise				
Leq(30min)	NMS1N	61.7 dB(A)	65.4 dB(A)	64.0 dB(A)
Leq(30min)	NMS2N1	64.7 dB(A)	67.5 dB(A)	66.3 dB(A)
Leq(30min)	NMS3N	57.3 dB(A)	68.8 dB(A)	65.5 dB(A)
Leq(30min)	NMS4N	55.3 dB(A)	63.6 dB(A)	60.1 dB(A)

Remarks:

1. A correction of +3 dB(A) was made to the free field measurements.

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Other Influencing Factors of the Monitoring Results

Air quality monitoring

4.2 Major emission sources during air quality monitoring in the reporting quarter were mainly vehicle emission from Po Toi O Chuen Road and nearby residents' activities.

Noise monitoring

4.3 Major noise sources during noise monitoring in the reporting quarter were mainly road traffic noise.

Water quality monitoring

4.4 For the baseline water quality monitoring during operation phase, frequency of 2 days per month were carried out from July, conducted on 4th July, 18th July, 8th August & 22nd August (wet season).

Monitoring Exceedances

4.5 Summary of the exceedances in the reporting quarter is tabulated in **Table 4-2** and **Table 4-3**.

Table 4-2 Exceedance Summary for Air and Noise Monitoring

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AMS1N	24-hour TSP	0	0	N/A
AMS2N1	24-hour TSP	0	0	N/A
AMS3N	24-hour TSP	0	0	N/A
AMS4N	24-hour TSP	0	0	N/A
AMS1N	1-hour TSP	0	0	N/A
AMS2N1	1-hour TSP	0	0	N/A
AMS3N	1-hour TSP	0	0	N/A
AMS4N	1-hour TSP	0	0	N/A

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Construction Noise				
NMS1N	Leq(30min)	0	0	N/A
NMS2N1	Leq(30min)	0	0	N/A
NMS3N	Leq(30min)	0	0	N/A
NMS4N	Leq(30min)	0	0	N/A

1-hour TSP Monitoring

4.6 All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

24-hour TSP Monitoring

4.7 All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

Construction Noise Monitoring

4.8 All construction noise monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

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5. WASTE MANAGEMENT

- 5.1 As advised by the Contractor, 84.91 m³ of inert C&D material was generated and disposal to Tseung Kwan O Area 137 Fill Bank (TKO137FB) in the reporting quarter. For C&D wastes, 23.77 tonnes of general refuse was disposed of at NENT landfill, 0 kg waste were collected by recycling contractors, and 0 kg of chemical wastes was collected by licensed Contractors in the reporting quarter.
- 5.2 The detailed Summary of waste flow is show in **Appendix H**.

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6. ENVIRONMENTAL NON-CONFORMANCE

- 6.1 For this reporting quarter, no environmental complaint was received.
- 6.2 No non-compliance and environmental related prosecution or notification of summons was received. There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting quarter. Exceedance of suspended solids (SS) were recorded, investigated and no project related exceedances were identified.
- 6.3 Statistics on complaints, notifications of summons, successful prosecutions and public engagement activities are summarized in **Appendix I**.

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7. COMMENTS, RECOMMENDATIONS AND CONCLUSION

Comments

7.1 Based on the observations made during site audits and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise limits were recorded. Water quality exceedances were recorded and investigated and no project related exceedances were recorded.

Recommendations

7.2 Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting quarterly. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

Conclusion

7.3 The EM&A programme as recommended in the EM&A Manual has been undertaken since the construction works of Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O works commenced on 1 March 2021.

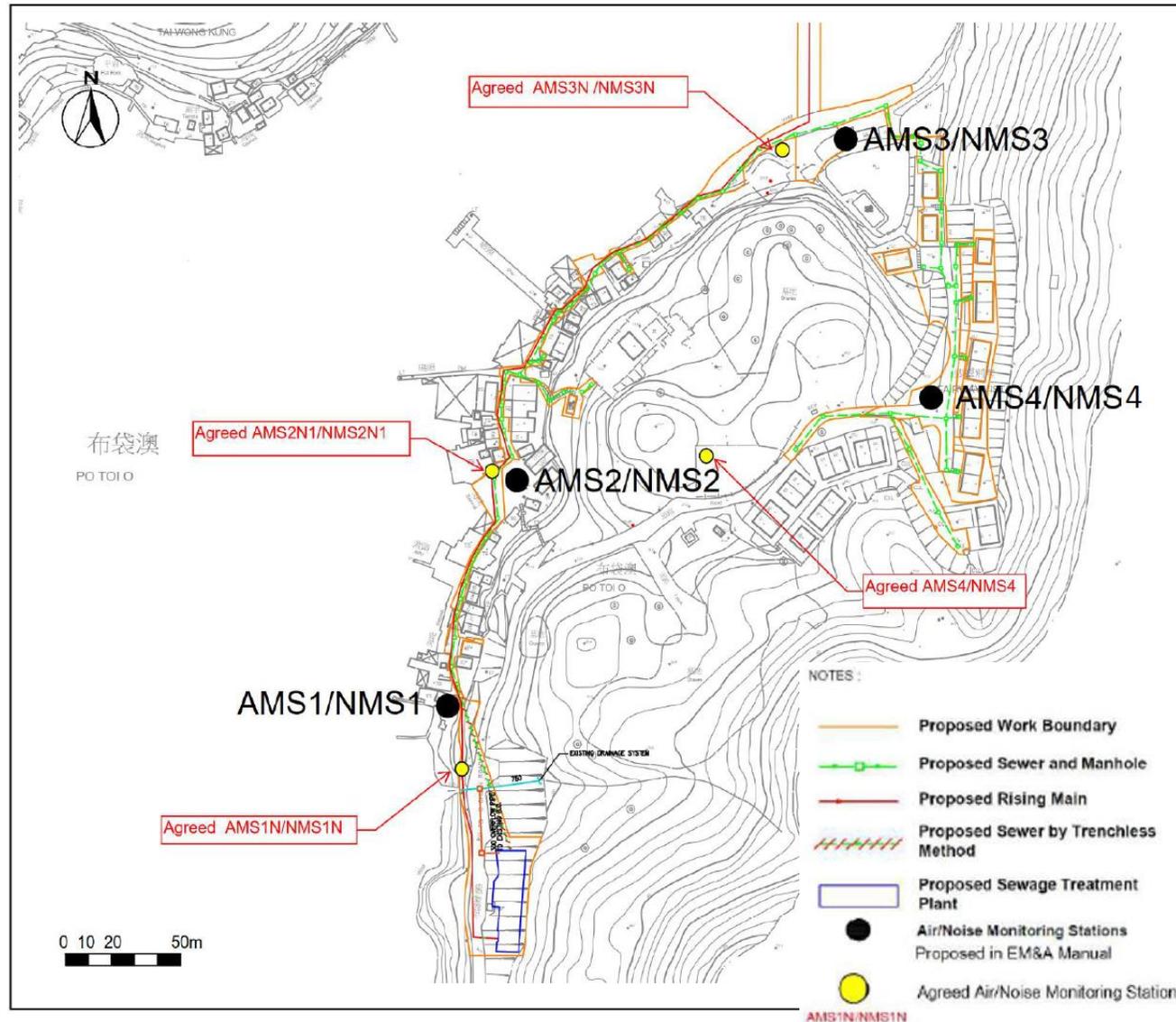
7.4 Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP, noise level (as Leq, 30 minutes). There was no breach of Action and Limit Levels for 1-hour TSP, 24-hour TSP and noise monitoring in the reporting quarter.

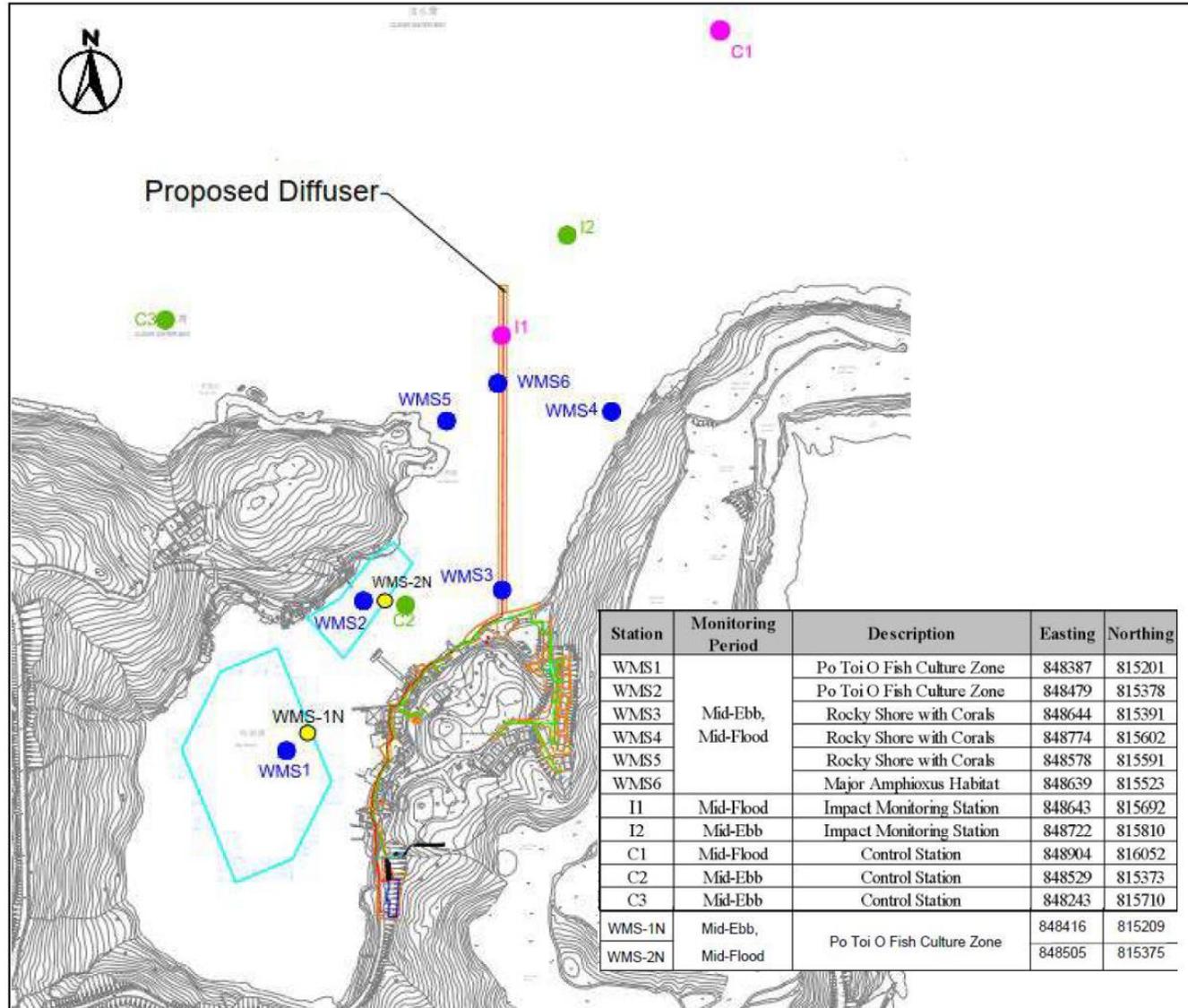
7.5 No complaint was received during the reporting quarter.

7.6 No notifications of summons or successful prosecution were received during the reporting quarter.

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APPENDIX A - LOCATION OF THE MONITORING AND CONTROL STATIONS

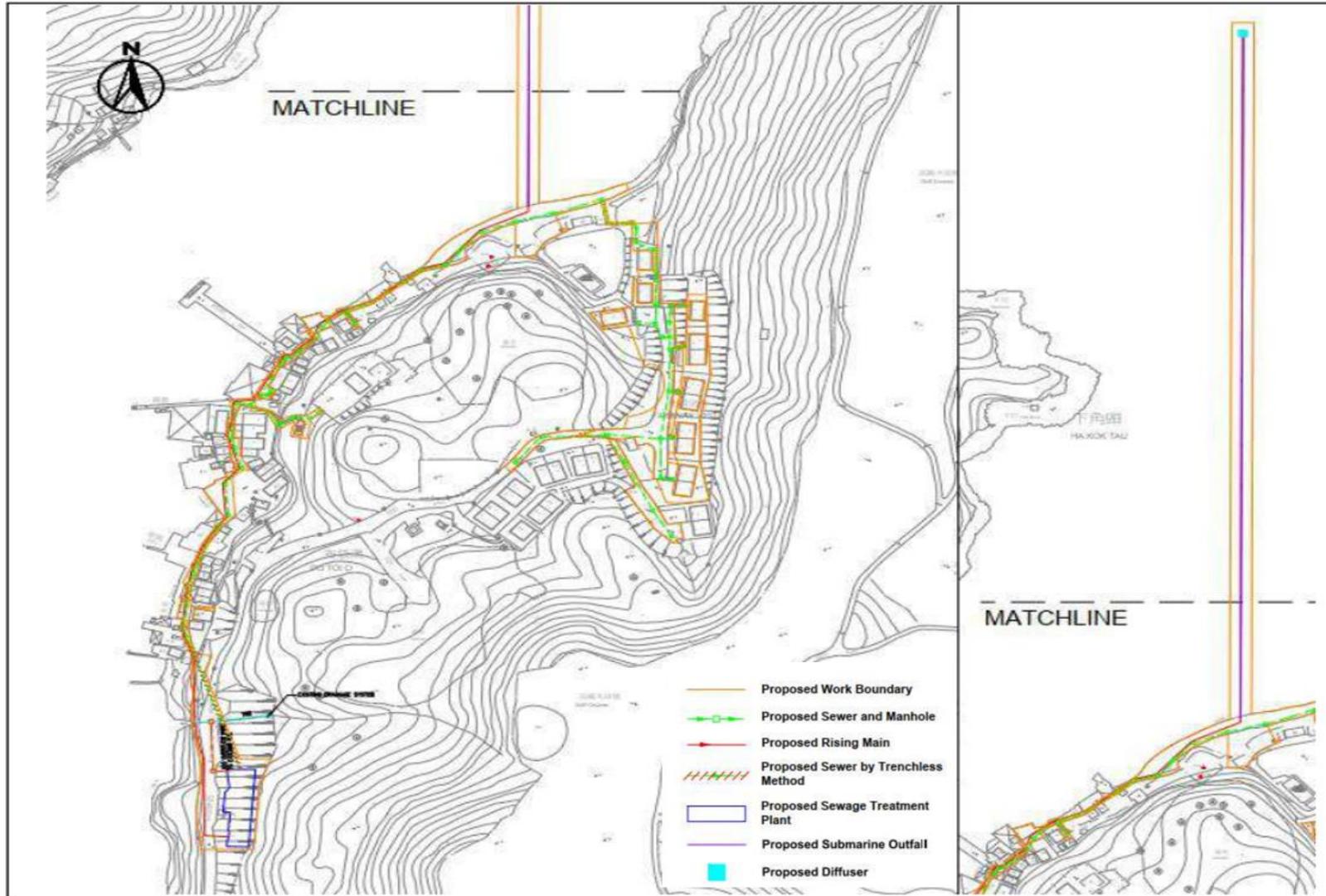




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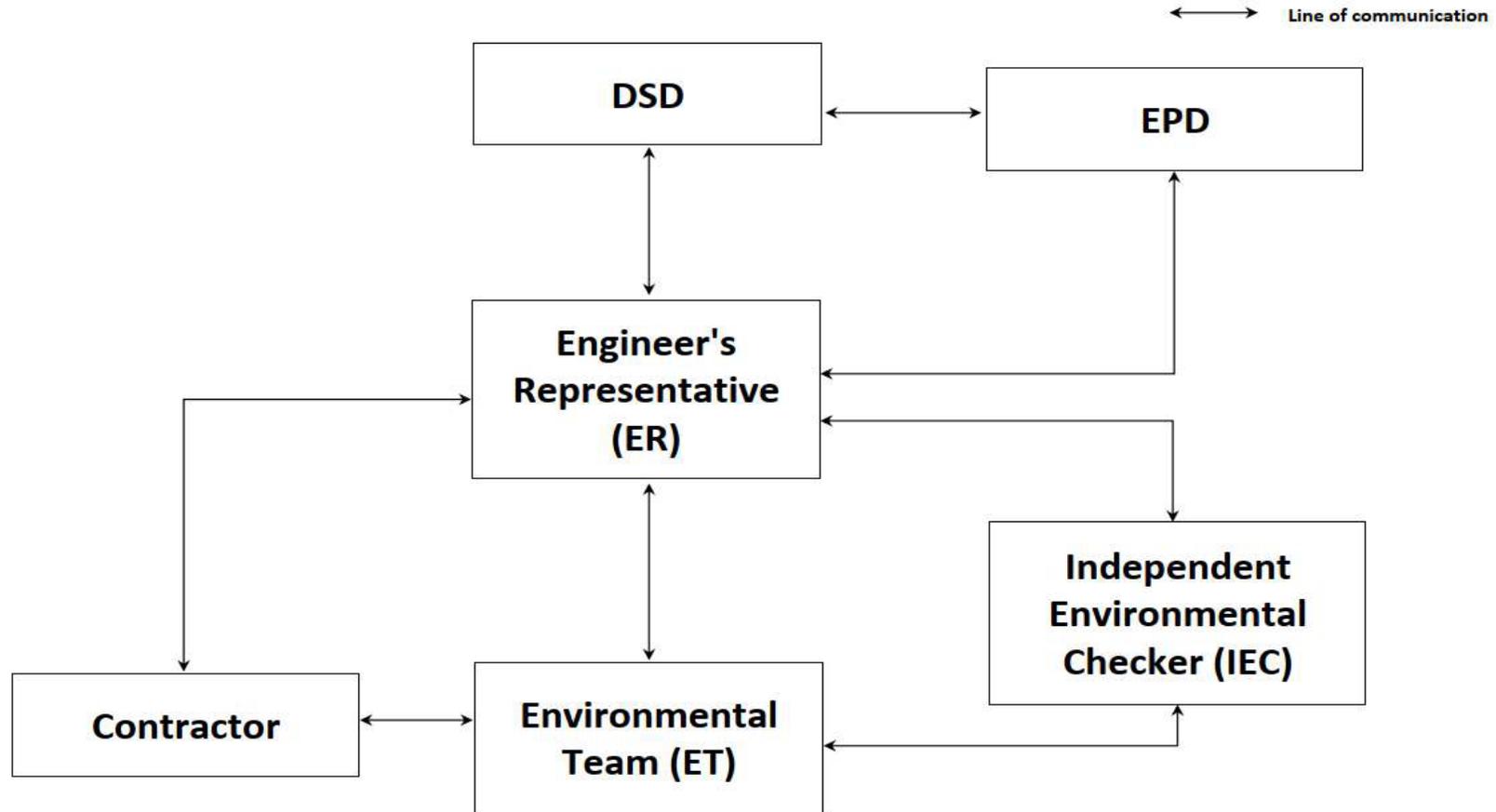
APPENDIX B - LAYOUT PLAN OF PROJECT AREA

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APPENDIX C - PROJECT ORGANIZATION CHART & CONTACT INFORMATION OF KEY PERSONNEL

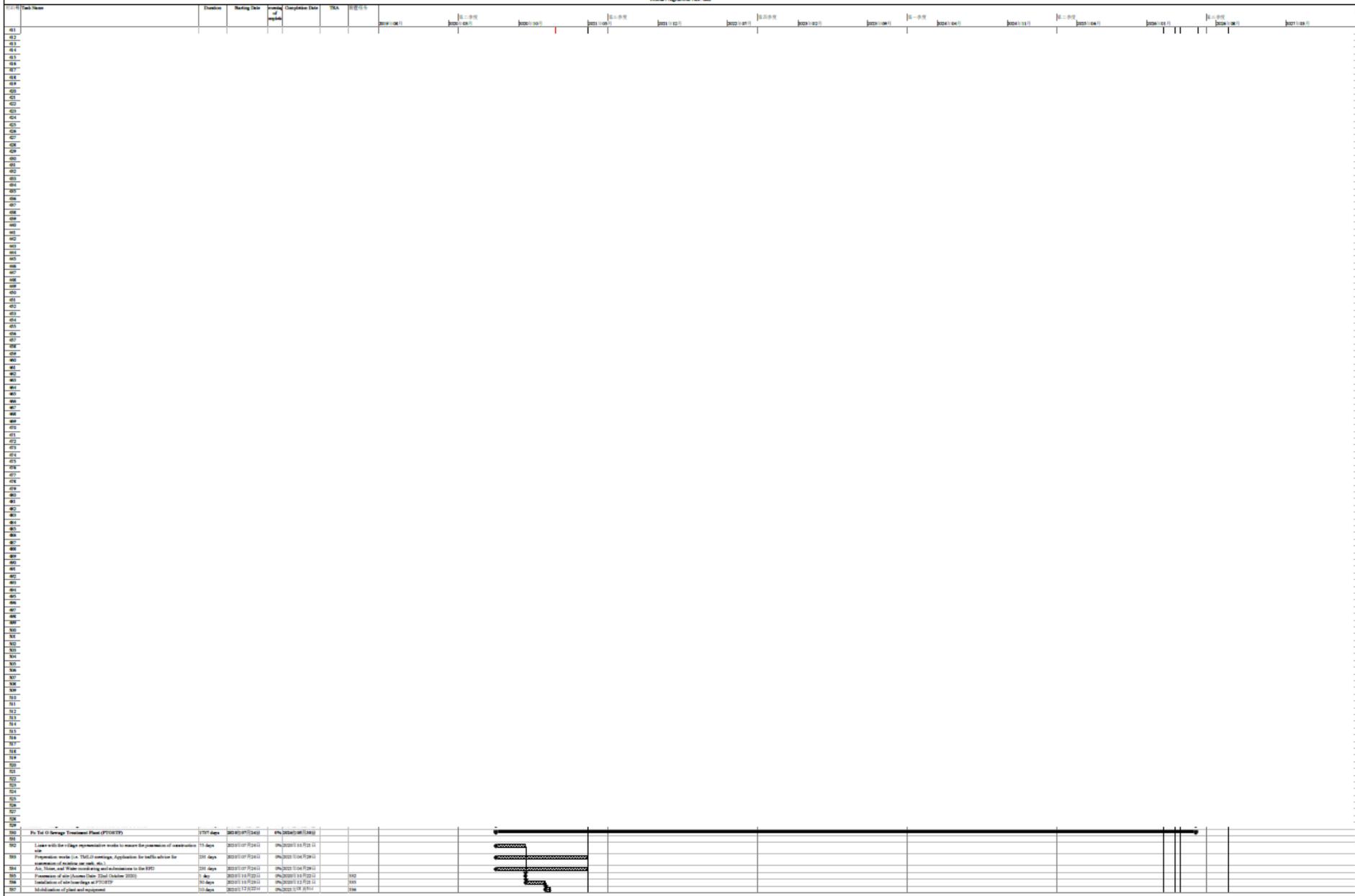


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Position	Party	Name	Telephone
Project Proponent	Drainage Services Department (DSD)	Mr. Gary Chung	2594 7227
Senior Resident Engineer (SRE)	Binnies Hong Kong Limited (Binnies)	Mr. Eugene Chan	6392 3809
Independent Environmental Checker (IEC)	Aurecon Hong Kong Limited (Aurecon)	Dr. F.C. Tsang	2698 8060
Environmental Team (ET)	Société Générale de Surveillance (SGS) Hong Kong Limited	Mr. Johnathan Ho	9236 5528
Environmental Officer	China Geo-engineering Corporation (CGC)	Mr. Alex Chow	5918 9179
Hotline Telephone Number			6902 2820

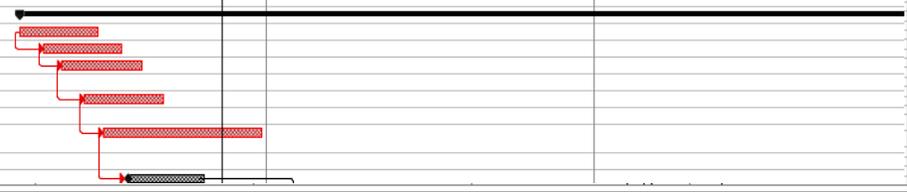
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APPENDIX D – CONSTRUCTION WORK PROGRAMM



Task Name	Location	Starting Date	Planned Duration	Completion Date	SLA	Progress (%)	Remarks
538 Site clearance			95 days	2021年01月06日	0%	2021年04月29日	537
539 Initial survey, UU detection and permit-to-dig			95 days	2021年01月06日	0%	2021年04月29日	537
540							
541 Preparation for geotechnical submissions (topographic survey)			7 days	2021年04月30日	0%	2021年05月08日	538,539,533,53
542							
543 Liaison work with Po Toi O Villagers due to Feng Shui			30 days	2021年05月10日	0%	2021年06月15日	541
544 Pending EPD's Endorsement of Detailed Landscape Plan			90 days	2021年06月16日	0%	2021年09月30日	543
545							
546 Slope cutting (Total 2850 m ³ solid materials to be removed, i.e. about 4275 m ³ loosen materials to be removed per day, i.e. 4-5 trips of dumping per day), Geologist inspection and rock joint mapping			450 days	2021年11月25日	0%	2023年06月5日	
547 Installation of rock dowel (include drilling, rebar installation and grouting, etc.)			180 days	2023年01月06日	0%	2023年08月16日	546FS-120 day
548 Installation of working platform for survey			21 days	2024年10月7日	0%	2024年10月31日	
549 Tree survey & topo survey			14 days	2024年11月1日	0%	2024年11月16日	548
550 Unforeseen graveyard on PTO slope			1 day	2024年11月18日	0%	2024年11月18日	549
551 Design for flexible barriers			125 days	2024年11月19日	0%	2025年04月24日	550
552 Confirmation with village representative for the alignment of flexible barrier			1 day	2025年04月25日	0%	2025年04月25日	551
553 Material ordering, method statement material testing and submission and ICE			105 days	2025年04月26日	0%	2025年08月30日	552
554 Erection of working platform and anchor point for working at Height			21 days	2025年09月1日	0%	2025年09月24日	553
555 Construction of base anchors, pull-out test and anchor head			30 days	2025年09月25日	0%	2025年11月1日	554
556 Erection of pole			14 days	2025年11月3日	0%	2025年11月18日	555
557 Installation of flexible barriers			14 days	2025年11月19日	0%	2025年12月04日	556
558 Construction of maintenance access			70 days	2025年12月5日	0%	2026年03月03日	557
559 Installation of ELS			150 days	2023年08月17日	0%	2024年02月17日	546,547
560 Excavation from +13.25 Mpd to -1.20 Mpd (Total 2150 m ³ solid materials to be removed, i.e. about 3225m ³ loosen materials. 25m ³ loosen materials to be removed per day, i.e. 4-5 trips of dumping per day)			292 days	2024年02月19日	0%	2025年02月12日	559
561							
562 Construction of EQ Tank and Wet Well			96 days	2025年02月13日	0%	2025年06月12日	
563 I (-2.57 to -0.35mPD)			30 days	2025年02月13日	0%	2025年03月19日	
564 Erection of formwork			4 days	2025年02月13日	0%	2025年02月17日	560
565 Rebar fixing			6 days	2025年02月18日	0%	2025年03月24日	564
566 Preparation works for concreting			5 days	2025年02月25日	0%	2025年03月1日	565
567 Close up formwork			4 days	2025年03月3日	0%	2025年03月6日	566
568 Concreting			1 day	2025年03月7日	0%	2025年03月7日	567
569 Exact formwork			3 days	2025年03月8日	0%	2025年03月11日	568
570 Curing			7 days	2025年03月12日	0%	2025年03月19日	569
571 II (-0.35 to +2.13mPD)			25 days	2025年03月8日	0%	2025年04月7日	
572 Erection of formwork			4 days	2025年03月8日	0%	2025年03月12日	568
573 Rebar fixing			3 days	2025年03月13日	0%	2025年03月15日	572
574 Preparation works for concreting			4 days	2025年03月17日	0%	2025年03月20日	573
575 Close up formwork			3 days	2025年03月21日	0%	2025年03月24日	574
576 Concreting			1 day	2025年03月25日	0%	2025年03月25日	575
577 Exact formwork			3 days	2025年03月26日	0%	2025年03月28日	576
578 Curing			7 days	2025年03月29日	0%	2025年04月7日	577
579 III (+2.23 to +5.65mPD)			34 days	2025年03月18日	0%	2025年03月28日	
580 Erection of formwork III (+2.23 to +5.98mPD)			5 days	2025年03月18日	0%	2025年03月22日	564
581 Rebar fixing			6 days	2025年03月24日	0%	2025年03月1日	580
582 Preparation works for concreting			6 days	2025年03月3日	0%	2025年03月8日	581
583 Close up formwork			6 days	2025年03月10日	0%	2025年03月15日	582
584 Concreting			1 day	2025年03月17日	0%	2025年03月17日	583
585 Remove formwork			3 days	2025年03月18日	0%	2025年03月20日	584
586 Curing			7 days	2025年03月21日	0%	2025年03月28日	585
587 IV EQ Tank(+2.26 to +5.65mPD)			23 days	2025年03月3日	0%	2025年03月28日	
588 Erection of formwork			4 days	2025年03月3日	0%	2025年03月6日	581
589 Rebar fixing			3 days	2025年03月7日	0%	2025年03月10日	588
590 Preparation works for concreting			3 days	2025年03月11日	0%	2025年03月13日	589
591 Close up formwork			2 days	2025年03月14日	0%	2025年03月15日	590
592 Concreting			1 day	2025年03月17日	0%	2025年03月17日	591
593 Exact formwork			3 days	2025年03月18日	0%	2025年03月20日	592
594 Curing			7 days	2025年03月21日	0%	2025年03月28日	593
595 Water Test			14 days	2025年05月10日	0%	2025年05月26日	606
596 Waterproof			14 days	2025年05月27日	0%	2025年06月12日	595
598 Construction of Basement			113 days	2025年02月13日	0%	2025年07月3日	
599 V Basement Slab (+5.65 to +7.23mPD)			40 days	2025年03月18日	0%	2025年05月19日	
600 Erection of formwork			7 days	2025年03月18日	0%	2025年03月25日	592
601 Rebar fixing			7 days	2025年03月26日	0%	2025年04月2日	600
602 Preparation works for concreting			7 days	2025年04月3日	0%	2025年04月11日	601
603 Close up formwork			6 days	2025年04月12日	0%	2025年04月22日	602
604 Concreting			1 day	2025年04月23日	0%	2025年04月23日	603
605 Exact formwork			5 days	2025年04月24日	0%	2025年04月29日	604
606 Curing			7 days	2025年04月30日	0%	2025年05月09日	605
607 VI Basement Wall (+7.23 to +9.18mPD)			31 days	2025年04月24日	0%	2025年06月2日	
608 Erection of formwork			5 days	2025年04月24日	0%	2025年04月29日	604
609 Rebar fixing			5 days	2025年04月30日	0%	2025年05月7日	608
610 Preparation works for concreting			4 days	2025年05月8日	0%	2025年05月12日	609
611 Close up formwork			4 days	2025年05月13日	0%	2025年05月16日	610
612 Concreting			1 day	2025年05月17日	0%	2025年05月17日	611
613 Exact formwork			5 days	2025年05月19日	0%	2025年05月23日	612
614 Curing			7 days	2025年05月24日	0%	2025年06月2日	613
615 Excavation of ground floor slab Grid 1 to Grid 3			30 days	2025年02月13日	0%	2025年03月19日	560

Task Name	Location	Starting Date	Duration (days)	Completion Date	SLA	Remarks	2025-03-31	2025-04-30	2025-05-31	2025-06-30	2025-07-31	2025-08-31	2025-09-30	2025-10-31	2025-11-30	2025-12-31
616	VII Basement Wall & Ground floor slab (+9.18 to +12.18mPD)		38 days	2025年05月19日	0%	2025年06月03日										
617	Erection of formwork		5 days	2025年05月19日	0%	2025年05月23日										
618	Rebar fixing		5 days	2025年05月24日	0%	2025年05月29日										
619	Preparation works for concreting		4 days	2025年05月30日	0%	2025年06月4日										
620	Delivery plant, material to installation of deodorisation tank		1 day	2025年06月5日	0%	2025年06月5日										
621	Close up formwork		10 days	2025年06月6日	0%	2025年06月17日										
622	Concreting		1 day	2025年06月18日	0%	2025年06月18日										
623	Exact formwork		3 days	2025年06月19日	0%	2025年06月21日										
624	Curing		12 days	2025年06月19日	0%	2025年07月3日										
625																
626	Construction of R.C. walls at 1st Floor		21 days	2025年06月19日	0%	2025年07月14日										
627	VIII (+12.18 to +16.36mPD)		21 days	2025年06月19日	0%	2025年07月14日										
628	Erection of formwork		4 days	2025年06月19日	0%	2025年06月23日										
629	Rebar fixing		4 days	2025年06月24日	0%	2025年06月27日										
630	Preparation works for concreting		3 days	2025年06月28日	0%	2025年07月2日										
631	Close up formwork		3 days	2025年07月3日	0%	2025年07月5日										
632	Concreting		1 day	2025年07月7日	0%	2025年07月7日										
633	Exact formwork		5 days	2025年07月8日	0%	2025年07月12日										
634	Curing		6 days	2025年07月8日	0%	2025年07月14日										
635	Construction of rooftop (above + 16.36 mPD)		19 days	2025年07月8日	0%	2025年08月21日										
636	Erection of formwork		5 days	2025年07月8日	0%	2025年07月12日										
637	Rebar fixing		5 days	2025年07月14日	0%	2025年07月18日										
638	Preparation works for concreting		5 days	2025年07月19日	0%	2025年07月24日										
639	Close up formwork		5 days	2025年07月25日	0%	2025年07月30日										
640	Concreting		1 day	2025年07月31日	0%	2025年07月31日										
641	Exact formwork		4 days	2025年08月1日	0%	2025年08月5日										
642	Curing		12 days	2025年07月31日	0%	2025年08月13日										
643	Temp work removal		7 days	2025年08月14日	0%	2025年08月21日										
644	Water Test		59 days	2025年06月16日	0%	2025年08月28日										
645	Water test 1		15 days	2025年06月16日	0%	2025年07月3日										
646	Water test 2		15 days	2025年07月4日	0%	2025年07月21日										
647	Water test 3		15 days	2025年07月22日	0%	2025年08月7日										
648	Dewatering & falsework removal		14 days	2025年08月8日	0%	2025年08月23日										
649	External Finishes		90 days	2025年08月22日	0%	2025年12月8日										
650	Internal Finishes (incl. installation of Door & Window etc)		60 days	2025年08月22日	0%	2025年11月3日										
651	Waterproof for tank		14 days	2025年08月22日	0%	2025年09月6日										
652	Waterproof for roof		30 days	2025年08月22日	0%	2025年09月25日										
653	Screening for basement		7 days	2025年09月15日	0%	2025年09月22日										
654	Screening for ground floor		7 days	2025年09月23日	0%	2025年09月30日										
655	Screening for roof		7 days	2025年09月24日	0%	2025年10月1日										
656	Louver, door and roller shutter installation		60 days	2025年08月22日	0%	2025年11月3日										
657	FRP cover installation		20 days	2025年08月22日	0%	2025年09月13日										
658	other associated works		312 days	2025年03月26日	0%	2026年04月17日										
659	Drainage works		60 days	2025年08月1日	0%	2025年10月11日										
660	Construction of rising main by open trench method		60 days	2025年03月26日	0%	2025年06月11日										
661	Temp. Relocation of RCP		15 days	2025年07月14日	0%	2025年07月30日										
662	Boundary Wall		80 days	2025年10月13日	0%	2025年12月22日										
663	Slope of U channel		80 days	2025年06月19日	0%	2025年08月28日										
664	Roadworks & U-Channel		90 days	2025年12月23日	0%	2026年04月17日										
665	Permanent Relocation of RCP		30 days	2026年02月26日	0%	2026年04月1日										
666	E&M works for site access date		54 days	2025年06月23日	0%	2025年08月26日										
667	Basement		1 day	2025年06月23日	0%	2025年06月23日										
668	Ground Floor		1 day	2025年07月29日	0%	2025年07月29日										
669	Water Tank		1 day	2025年08月25日	0%	2025年08月25日										
670	Utilities		368 days	2025年01月26日	0%	2026年04月27日										
671	Telecommunication		198 days	2025年06月6日	0%	2026年01月30日										
672	Electricity Supply (CLP)		287 days	2025年01月25日	0%	2026年01月14日										
673	Water Supply		178 days	2025年06月9日	0%	2026年01月9日										
674	Fire Service		120 days	2025年11月27日	0%	2026年04月27日										
675	Material Delivery to Site		135 days	2025年02月14日	0%	2025年07月30日										
676	Installation (300 days)		226 days	2025年06月23日	0%	2026年03月24日										
677	Installation & Test & commissioning		190 days	2025年06月23日	0%	2026年02月6日										
678	System commissioning / MBR process start up		36 days	2026年02月7日	0%	2026年03月24日										
679	Plant commissioning (90 days)		52 days	2026年03月25日	0%	2026年05月30日										
680																
681																
682																
683																
684	Construction of PTO Village Sewerage		1692 days	2020年07月24日	0%	2026年04月1日										
685	Liaise with the village representatives		90 days	2020年07月24日	0%	2020年11月9日										
686	Initial survey and photo-taking		90 days	2020年08月26日	0%	2020年12月11日										
687	UU Detection and application for permit-to-dig		90 days	2020年09月21日	0%	2021年01月9日										
688																
689	Trial pit excavation (Access Date of PTO-B1-01: 22nd Oct 2020)		90 days	2020年10月22日	0%	2021年02月8日										
690																
691	Producing Layout plans showing the location of terminal manholes, timber box and alignment of sewers and other associated preparation works		180 days	2020年11月17日	0%	2021年06月24日										
692																
693	Liaison work with PTO Villagers due to Fenz Shui		84 days	2020年12月22日	0%	2021年04月5日										



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APPENDIX E - IMPLEMENTATION OF RECOMMENDED MITGATION MEASURES



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Air Quality Impact	A10	Good housekeeping to minimize dust generation, e.g. by properly handling and storing dusty materials.	✓	✓	✓
	A11	Adopt dust control measures, such as dust suppression using water spray on exposed soil at least 4 times a day, in areas with dusty construction activities and during material handling.	✓	✓	✓
	A12	Store cement bags in shelter with 3 sides and the top covered by impervious materials if the stack exceeds 20 bags.	N/A	N/A	N/A
	A13	Maintain a reasonable height when dropping excavated materials to limit dust generation.	N/A	N/A	N/A
	A14	Limit vehicle speed within construction site and in Po Toi O to 10km/hr and confine vehicle movement in haul road.	✓	✓	✓
	A15	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	A16	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Air Quality Impact	A17	Cover materials on trucks before leaving the construction site to prevent debris from dropping during traffic movement or being blown away by wind	✓	✓	✓
	A18	Regular maintenance of plant equipment to prevent black smoke Emission.	✓	✓	✓
	A19	Throttle down or switch off unused machines or machine in intermittent use	✓	✓	✓
	A20	Minimize excavation area as far as possible.	✓	✓	✓
	A21	Store odorous excavated materials in covered containers and remove off-site as soon as possible within 24 hours.	✓	✓	✓
	A22	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	Obs.	Rem.	✓
	A23	Hoarding of not less than 2.4 m high shall be erected from ground level to surround the construction site for sewage treatment plant along Po Toi O Chuen Road except for a construction site entrance or exit.	N/A	N/A	N/A
	A24	Carry out air quality monitoring throughout the construction period	Obs.	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Noise Impact	N1	Use hand-held plant equipment or manual equipment within village area.	✓	✓	✓
	N2	For HDD, enclose the stationary plant equipment on three sides with cover. Only the side facing the sea shall be opened for heat exhaustion.	N/A	N/A	N/A
	N3	Generator should be placed at a fixed location at least 5-6m away from the NSRs and screened by noise barrier whenever excavation work must be carried out at their front doors.	✓	✓	✓
	N4	Avoid carrying out noisy activities at the same time. The work front of village sewer installation near NSRs PTO_N1 and PTO_N3 shall not be conducted concurrently with installation of Po Toi O Chuen Road sewer and horizontal directional drilling respectively.	✓	✓	✓
	N5	Vibratory poker shall only be operated 4m away from NSR and with noise barrier properly erected. Surfacing work within 4m from NSR shall be carried out by manual method.	✓	✓	✓
	N6	Schedule noisy activities to minimize exposure of nearby NSRs to high levels of construction noise.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Noise Impact	N7	Use Quality Powered Mechanical Equipment (QPME) which produces lower noise level.	✓	✓	✓
	N8	Erect 3m high mobile barriers with skid footing and a small cantilevered upper portion within a few meters of stationary plants and within about 5m of more mobile plant.	✓	✓	✓
	N9	Hand-held breaker shall be fitted with mufflers. A movable enclosure made up of plywood is proposed to surround both worker and breaker during breaking process. The internal wall of the enclosure should be laid with sound absorbent such as mineral wool.	✓	✓	✓
	N10	Regular maintenance of plant equipment to prevent noise emission due to impair.	✓	✓	✓
	N11	Position mobile noisy equipment in location and direction away from NSR.	✓	✓	✓
	N12	Use silencer or muffler on plant equipment and should be properly maintained.	✓	✓	✓
	N13	Throttle down or switch off unused machines or machine in intermittent use between work.	✓	✓	✓
	N14	Make good use of stockpiles or other structures for noise screening.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Noise Impact	N15	Mobile plant should be sited as far away from NSRs as possible	✓	✓	✓
	N16	Reduce the percentage on-time for some noisy PMEs	✓	✓	✓
	N17	Carry out noise monitoring	✓	✓	✓



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Water Quality Impact	W1	Divert the water from outfall of W3 (stream near Fairway Vista) during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	W2	Place sandbag along the upstream section of the stream near Fairway Vista and along rocky shore during open cut excavation for laying of gravity sewers/rising mains nearby.	✓	✓	✓
	W3	Intercept the water from u-channel at the foot of the slope where the STP will be built.	✓	✓	✓
	W4	Install cofferdam around the proposed excavation area for entry pit of HDD work to prevent falling of debris into the sea	N/A	N/A	N/A
	W5	Install sheet piles in Junine waters by vibratory action.	N/A	N/A	N/A
	W6	Junine works (dredging, construction and installation works at diffuser location, backfilling) shall be carried out inside the watertight cofferdam. The cofferdam can only be removed after completion of work.	N/A	N/A	N/A
	W7	Dredging should be carried out by grab dredgers anchored outside the cofferdam. The Junine sediment should be placed in sealed compartment of the Junine barge.	N/A	N/A	N/A
	W8	Water removed from the cofferdam should be desilted before discharge back into the sea.	N/A	N/A	N/A



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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Water Quality Impact	W9	Carry out water quality monitoring at water sensitive receivers before and during cofferdam installation works, throughout dredging works, and during cofferdam extraction works.	N/A	N/A	N/A
	W12	Set up sedimentation tank for settling suspended solids in wastewater before discharge into storm drains. Sand/silt removal facilities such as sand traps, silt traps and sedimentation basin should be provided with adequate capacity.	Obs.	Obs.	Obs.
	W13	Follow ProPECC PN 1/94 "Construction Site Drainage" as far as practicable	✓	✓	✓
	W14	Construct catchpits and perimeter channels prior to commencement of site formation works and earthworks	✓	✓	✓
	W15	Maintain silt removal facilities, channels, manholes before and after rainstorm.	Rem.	Rem.	✓
	W16	Remove silt and grit from silt trap at regular interval.	✓	✓	✓
	W17	Well design works program to minimize the work areas to minimize the soil exposure and site runoff.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Water Quality Impact	W18	Arrange soil excavation works outside rainy seasons (April to December) as far as possible. If this cannot be achieved, the following measures should be implemented:	✓	✓	✓
		Cover temporary exposed slope surfaces with impermeable materials, e.g. tarpaulin.	✓	✓	✓
		Protect temporary access roads by crushed stone or gravel.	✓	✓	✓
		Provide intercepting channels along crest/edge of excavation.	✓	✓	✓
	W19	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	W20	Prevent rainwater from entering trenches. Excavation of trenches should be dug and backfilled in short sections during rainy seasons. Remove silt in rainwater collected from the trenches or foundation excavations prior to discharge to storm drains.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Water Quality Impact	W21	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	Rem.	Rem.	Rem.
	W22	Cover and temporary seal manholes to prevent silt, construction materials or debris and surface runoff from entering foul sewers.	✓	✓	✓
	W23	Remove waste from the construction site regularly.	✓	✓	Rem.
	W24	Apply discharge license for effluent discharge. Treat the discharge to comply with the requirement in TM-DSS.	✓	✓	✓
	W25	Reuse treated effluent onsite, e.g. dust suppression, wheel washing and general cleaning.	✓	✓	✓
	W26	Monitor effluent water quality.	✓	✓	✓
	W27	Register as chemical waste producer if chemical waste will be generated.	✓	✓	✓
	W28	Perform maintenance of vehicles and equipment that have oil leakage and spillage potential on hard standings within a bunded area with sumps and oil interceptors.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Water Quality Impact	W29	Dispose chemical waste in accordance to Waste Disposal Ordinance. Follow the <i>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</i> , examples as follows:	✓	✓	✓
		Store chemical wastes with suitable containers to avoid leakage or spillage during storage, handling and transport.	✓	✓	✓
		Label chemical waste containers according to the CoP to notify and warn the waste handlers.	✓	✓	✓
		Store chemical wastes at designated safe location with adequate space.	✓	✓	✓
	W30	Provide sufficient chemical toilets with regular maintenance by registered waste collector where necessary.	✓	✓	✓
	W31	Provide a drip tray/container underneath the bentonite recycling system.	N/A	N/A	N/A
	W32	Carry out regular site inspection to audit the implementation of mitigation measures.	✓	✓	✓
	W33	Carry out effluent quality monitoring at location specified in the discharge license.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM4	Allocate an area for waste sorting and storage of C&D materials into the following categories for reuse, recycle or disposal if possible. Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Excavated materials suitable for reuse	✓	✓	✓
		Inert C&D materials (or public fill) for disposal offsite	✓	✓	✓
		Non-inert C&D materials (or C&D waste) for disposal at landfills	✓	✓	✓
		Records of quantities generated/ recycled/ disposed maintained?	✓	✓	✓
		Chemical waste	✓	Obs.	✓
		Bentonite slurry for reconditioning and reuse	N/A	N/A	N/A
		General refuse	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM5	Adopt good site practice as follows:	✓	✓	✓
		Provide training to workers on site cleanliness, waste management (waste reduction, reuse and recycle) and chemical handling procedures.	✓	✓	✓
		Cover waste materials with tarpaulin or in enclosure during transportation.	✓	✓	✓
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Sort out chemical waste for proper handling and treatment onsite or offsite.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM6	Adopt good site practice as follows:	✓	✓	✓
		Allocate area/containers for sorting, recovering and storing waste for reuse, recycle or disposal (e.g. demolition debris and excavated materials, general refuse like aluminum cans.) Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Allocate area for proper storage of construction materials to prevent contamination prevent soil contamination?	✓	✓	✓
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Minimize wastage through careful planning and avoiding over purchase of construction materials	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM7	Prepare and implement a site-specific Waste Management Plan (WMP) as part of Environmental Management Plan (EMP) in accordance with ETWB TCW No. 19/2005. Detail waste management method in the form of avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal according to the recommendations on the EIA and EM&A Manual. It should be approved by the ER and regularly reviewed.	✓	✓	✓
	WM8	Store waste materials properly as follows:	✓	✓	✓
		Avoid contamination by proper handling and storing waste.	✓	✓	✓
		Prevent erosion by covering waste.	✓	✓	✓
		Apply water spray on excavated materials.	✓	✓	✓
		Maintain and clean storage area regularly.	✓	✓	✓
		Sort and stockpile different materials at designated location to enhance reuse.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM9	Apply for relevant waste disposal permits in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap.28) Dumping at Sea Ordinance (Cap. 466).	✓	✓	✓
	WM10	Hire licensed waste disposal contractors for waste collection and removal. Dispose waste at licensed waste disposal facilities	✓	✓	✓
	WM11	Implement trip-ticket system for recording the amount of waste generated, recycled and disposed, including chemical wastes	✓	✓	✓
	WM12	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓
	WM13	Reduce water content in wet spoil generated from piling work by mixing with dry materials. Only dispose treated spoil with less than 25% dry density to Public Fill Reception Facilities	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM14	Dispose dry waste or waste with less than 70% water content by weight to landfill.	✓	✓	✓
	WM15	Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Waste as follows:	✓	✓	✓
		Store chemical wastes with suitable containers. Seal and maintain the container to avoid leakage or spillage during storage, handling and transport.	✓	✓	✓
		Label chemical waste containers in both English and Chinese with instructions in accordance to Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation.	✓	✓	✓
		The container capacity should be smaller than 450 litres unless agreed by the EPD.	✓	✓	✓



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM16	Comply with the requirement of the chemical storage area:	✓	✓	✓
		Store only chemical waste and label clearly the chemical characters of the waste.	✓	✓	✓
		Have at least 3 sides enclosed and protected from rainfall with cover.	✓	✓	✓
		Provide sufficient ventilation	✓	✓	✓
		Have impermeable floor and has bunds to contain 110% of the capacity of the largest container or 20% of the total volume of the stored waste in the area, whichever is larger		✓	✓
	WM17	Transfer used lubricants, waste oils and other chemicals to oil recycling companies, if possible, and empty oil drums for reuse or refill. No direct or indirect discharge is permitted	✓	✓	✓
	WM18	Hire licensed chemical waste disposal contractors for waste collection and removal. Dispose chemical waste at the approved Chemical Waste Treatment Centre at Tsing Yi or other licensed facility.	✓	✓	✓
	WM19	Hire reputable waste collector to Separately collect and dispose general refuse from other wastes. Cover the waste to prevent being blown away.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Waste/Chemical Management	WM20	Provide recycling bins for sorting out recyclables for collection by recycling companies. Non-recyclables should be removed to designated landfills every day by licensed collectors to prevent environmental and health nuisance.	✓	✓	✓
	WM21	Organize training and reminders to site staff on waste minimization through avoidance and reduction, reusing and recycling.	✓	✓	✓
	WM22	Used bentonite shall be reconditioned onsite and reused as far as practical to minimize wastage. If this is deemed not viable, the used bentonite shall be delivered offsite for reconditioning.	N/A	N/A	N/A
	WM23	Characterize the sediment quality of the Marine sediment to be dredged and submit a Sediment Quality Report for EPD's approval. Dispose the dredged Marine sediment in accordance with ETWB TC(W) No. 34/2002.	N/A	N/A	N/A



Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Ecology	E1	Erect bright colour fencing along the boundary of the undisturbed region of the shrubland and woodland, and around <i>Diospyros vaccinioides</i> , a plant species of conservation importance, near the work boundary to remind workers not to trespass or occupy the area, and to be careful during operation of equipment.	✓	✓	✓
	E2	Reinstate the disturbed rocky shore with the rocks temporarily removed.	N/A	N/A	N/A
	E3	Place sandbag around the section of W3 next to Fairway Vista and along the shore during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	E4	Temporarily divert the water from outfall of W3 away from excavation area.	✓	✓	✓
	E5	Inspect the condition of the <i>Diospyros vaccinioides</i> near the work boundary as part of weekly site audit.	✓	✓	✓
	E6	Erection of hoarding, fencing or provision of clear deJunctionation of work zones	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Ecology	E7	Designate areas for placement of equipment, building materials and wastes away from the natural environment.	✓	✓	✓
	E8	Carry out tree preservation and compensatory tree planting will be carried out in accordance with DEVB TCW No. 7/2015.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Landscape and Visual	CM8	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	N/A	N/A	N/A
	OM2	Use of appropriate building materials and colours for Sewage Treatment Plant to complement surroundings	N/A	N/A	N/A
	CM1	The construction area and contractor's temporary works areas should be minimized to avoid impacts on adjacent landscape. All slope excavation shall take place from within the work boundary to minimize impacts on adjacent slopes.	✓	✓	✓
	CM2	Reduction of construction period to practical minimum.	✓	✓	✓
	CM3	Construction traffic (land and sea) including construction plant, construction vessels and barges to be kept to a practical minimum.	✓	✓	✓
	CM4	Erection of decorative mesh screens or construction hoardings and/or temporary noise barriers around works areas in visually unobtrusive colors.	✓	✓	✓
	CM5	Avoidance of excessive height and bulk of site buildings and structures.	✓	✓	✓

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Landscape and Visual	CM6	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	✓	✓	✓
	CM7	All existing trees shall be carefully protected during construction. A Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. Tree risk assessment shall be undertaken to all existing trees within the project site as per "Guidelines for Tree Risk Assessment and Management Arrangement"	✓	✓	✓
	OM3	Lighting units to be directional and minimize unnecessary light spill and glare.	N/A	N/A	N/A
	OM4	Greening measures to reinstate the landscape which are appropriate to the context, including tree and shrub planting and vertical greening, shall be implemented.	N/A	N/A	N/A

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Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			June 2025	July 2025	August 2025
Building Heritage	BH1	Undertake condition survey by professional qualified building surveyor or engineer to record the existing condition of the built heritage resources.	✓	✓	✓
	BH2	Carry out vibration and settlement monitoring to build heritage resources. A maximum vibration level 7.5mm/s shall be adopted for the Grade 3 Hung Shing Temple and settlement check points in the Alert/Alarm/Action limit levels at 6mm/8mm/10mm shall be adopted.	✓	✓	✓
	BH3	Are protective covering or protective screen provided to build heritage resources which are close to building area? (c.f. BH3)	N/A	N/A	N/A
	BH4	Maintain public access to the cultural landscape features (c.f. BH4)	N/A	N/A	N/A
	BH5	Provision of at least 1m buffer zone from the proposed works provided? (c.f. BH5)	N/A	N/A	N/A

Remark

N/A – Not Applicable

✓ – Implemented

Obs. – Observed

Rem. – Reminder

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APPENDIX F - METEOROLOGICAL DATA EXTRACTED FROM HONG KONG OBSERVATORY

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2025/06 Daily Extract of Meteorological Observations from HKO

Day	Hong Kong Observatory							King's Park	Waglan Island [^]		
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1003.9	31.2	27.5	24.9	24.4	83	83	0.1	***	***	***
2	1002.2	31.2	29.4	28.2	26.3	83	88	0.1	***	***	***
3	1003.2	30.6	28.8	27.7	25.3	81	88	Trace	***	***	***
4	1007.3	28.5	26.4	25	23.8	86	88	3.8	***	***	***
5	1009.2	28.1	26.4	24.8	22.3	78	88	Trace	***	***	***
6	1008.3	31.8	28.1	26.1	24	79	60	0	***	***	***
7	1007.2	33.6	29.6	27	24.8	76	48	0	***	***	***
8	1005.9	33.2	30.1	28	25.4	76	79	0	***	***	***
9	1004.5	34.3	30.7	28.2	25.1	73	74	0	***	***	***
10	1004.2	35.6	31	28.4	25.3	72	76	0	***	***	***
11	1004.3	31.2	29.4	28.7	25.6	80	88	4.7	***	***	***
12	1004.6	31.3	28.5	27.1	25.3	83	87	14.6	***	***	***
13	1005.8	31	27.5	26.2	25.4	88	88	46.1	***	***	***
14	1005.5	31.5	29.1	27.1	25.5	81	88	1.6	***	***	***
15	1005.2	30.1	29.3	28.7	25.4	79	88	0.9	***	***	***
16	1007.7	31.1	29.4	28.3	25.5	80	88	1	***	***	***
17	1009.8	29.5	27.7	25.5	25.4	88	88	46.3	***	***	***
18	1009.7	31.8	29.2	26.7	25.4	80	88	0.5	***	***	***
19	1009	32.5	28.7	27	25.5	83	88	11.1	***	***	***
20	1008.7	30.4	28.4	27.1	24.9	82	88	6.3	***	***	***
21	1009.1	32.2	29.1	26.5	25.1	80	88	10.6	***	***	***
22	1009	31.7	29.2	27.4	25.4	80	88	2.9	***	***	***
23	1007.3	32.1	29.6	27	24.8	76	84	7.6	***	***	***
24	1007.7	33.4	30.1	28.4	24.7	73	88	0	***	***	***
25	1008.6	34.5	30.7	27.9	24.9	72	71	0.2	***	***	***
26	1008.1	31.6	28.9	26.9	25.9	84	88	48.9	***	***	***
27	1007.7	30.1	28.4	27	25.7	86	87	5.6	***	***	***
28	1006.4	30.9	28.6	27	25.6	84	88	3.1	***	***	***
29	1005	30.8	28.8	27.4	25.5	83	86	3.7	***	***	***
30	1005.8	30.5	28.5	26.7	25.5	84	87	17.6	***	***	***
Mean/Total	1006.7	31.5	28.9	27.1	25.1	80	83	237.3	***	***	***
Climatological Normal?	1006.1	30.7	28.3	26.5	24.9	82	77	491.5	144.3	220	21.6

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989

Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)

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2025/07 Daily Extract of Meteorological Observations from HK

Day	Hong Kong Observatory								King's Park	Waglan Island [^]	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1008	29.8	28.2	26.4	25.7	87	86	5.5	***	***	***
2	1008.8	33.3	30	27.4	26.1	80	80	0.5	***	***	***
3	1007.5	33.6	30.3	28.4	25.6	76	82	0	***	***	***
4	1005.4	34.5	30.8	28.5	24.8	71	67	0	***	***	***
5	1003.3	34.8	30.6	29	24.6	71	80	3.7	***	***	***
6	1002.8	33.5	30.3	28.2	24.5	71	84	0	***	***	***
7	1003.1	34.3	31.2	29.1	26.5	77	70	0	***	***	***
8	1002.7	33.3	30.9	29.7	26.2	76	82	0	***	***	***
9	1000	33.6	30.7	25.8	26.3	77	84	15.2	***	***	***
10	996.7	29	26.3	25	25.1	93	91	126.4	***	***	***
11	998.9	29.9	27.9	25.9	24.9	84	88	0	***	***	***
12	1004.8	31.3	28.7	26.4	26.1	87	88	38.4	***	***	***
13	1006.2	33.3	30.1	27.8	26.3	81	88	1.9	***	***	***
14	1004.5	33.2	30.2	27.8	26	79	87	9.2	***	***	***
15	1003.5	32.7	30.3	28.3	26.4	79	85	3.2	***	***	***
16	1004.1	34	31.1	29	26	75	58	0	***	***	***
17	1003.1	34.2	31.3	29.2	26.5	76	74	0	***	***	***
18	1000	31.3	28.6	26.1	25.8	85	85	19	***	***	***
19	994.3	33.5	29.5	27	25.2	78	81	10	***	***	***
20	988.5	28	27	25.9	25.4	91	94	87.6	***	***	***
21	997.4	27.9	27.1	26.4	25.7	92	92	42.4	***	***	***
22	1002	30.5	28	25.8	25.8	88	88	95.7	***	***	***
23	1003.2	33.3	29	26.4	25.2	81	88	2.6	***	***	***
24	1002	32	29.4	27.5	24.8	77	80	Trace	***	***	***
25	1000.1	33.6	29.2	25.4	24.8	78	62	31.8	***	***	***
26	1000	35.2	30.2	26.1	24.9	74	36	0	***	***	***
27	1000.1	33.1	30.4	28.8	25.7	76	52	0	***	***	***
28	998.1	32.8	30.1	28.3	26.2	80	87	0.6	***	***	***
29	996.9	29.1	27.8	25.8	26	90	91	106.5	***	***	***
30	997.4	32.6	29.8	28.5	26.8	84	88	0	***	***	***
31	998.6	31.8	29.9	28.2	26.6	83	88	1.5	***	***	***
Mean/Total	1001.3	32.4	29.5	27.4	25.7	81	80	601.7	***	***	***
Climatological Normal?	1005.6	31.6	28.9	26.9	25.2	81	72	385.8	197.3	230	21.3

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989

Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)

2025/08 Daily Extract of Meteorological Observations from HKO

Day	Hong Kong Observatory								King's Park	Waglan Island [^]	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1000,3	33,2	30,1	28,6	25,9	79	85	3,0	***	***	***
02	1002,9	30,1	28,1	26,3	26,3	90	95	109,0	***	***	***
03	1003,1	30,2	29,2	25,5	26,5	86	89	47,5	***	***	***
04	1003,6	30,0	28,8	26,1	26,6	88	93	72,2	***	***	***
05	1005,4	29,2	27,1	24,0	25,6	92	97	368,9	***	***	***
06	1007,7	30,1	27,5	25,5	25,1	87	90	6,8	***	***	***
07	1009,3	32,9	29,3	26,8	25,4	80	81	0,0	***	***	***
08	1008,7	32,9	29,8	27,6	25,6	79	45	0,0	***	***	***
09	1007,8	33,8	30,1	28,0	25,7	78	44	0,0	***	***	***
10	1006,9	34,4	30,5	28,6	25,9	77	68	0,0	***	***	***
11	1006,3	32,5	29,7	28,1	25,3	77	78	0,3	***	***	***
12	1006,9	32,6	29,8	27,7	25,3	77	82	8,5	***	***	***
13	1005,6	33,0	30,1	28,3	25,5	77	84	0,0	***	***	***
14	1005,5	29,5	26,3	24,4	24,8	91	95	117,4	***	***	***
15	1008,9	30,2	27,5	25,5	24,8	86	79	4,3	***	***	***
16	1008,5	32,8	29,3	27,4	24,5	76	74	0,0	***	***	***
17	1009,0	30,2	27,3	25,6	24,4	84	92	41,5	***	***	***
18	1010,4	28,4	26,6	25,4	25,2	92	91	80,1	***	***	***
19	1010,9	27,9	27,1	25,4	26,0	94	94	68,9	***	***	***
20	1010,7	32,2	29,0	27,1	25,5	82	86	0,2	***	***	***
21	1011,4	33,3	29,6	27,9	25,5	79	82	0,0	***	***	***
22	1009,9	32,7	29,7	27,3	23,6	71	82	0,0	***	***	***
23	1008,5	33,6	30,0	27,6	24,5	73	82	0,2	***	***	***
24	1009,6	31,7	29,6	28,5	25,5	79	88	0,0	***	***	***
25	1010,2	31,3	29,4	28,3	24,7	76	88	0,1	***	***	***
26	1009,7	34,2	30,3	28,0	24,6	72	65	0,0	***	***	***
27	1008,3	32,7	29,8	27,7	24,8	74	65	0,0	***	***	***
28	1008,1	30,6	28,9	26,0	24,3	77	85	2,7	***	***	***
29	1009,3	33,0	30,2	28,9	24,6	72	80	0,5	***	***	***
30	1010,3	31,9	29,4	27,6	25,0	77	85	7,1	***	***	***
31	1009,4	33,0	29,8	28,1	24,9	75	77	0,0	***	***	***
Mean/Total	1007,8	31,7	29,0	27,0	25,2	81	81	939,2	***	***	***
Climatological Normal [?]	1005,2	31,3	28,7	26,7	25,1	81	70	453,2	182,1	230	18,8

[^] Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989

Trace means rainfall less than 0.05 mm

? 1991-2020 Climatological Normal, unless otherwise specified

Source: [Daily Extract | Hong Kong Observatory\(HKO\) | Climate Information Service](#)

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APPENDIX G - GRAPHICAL PLOTS OF THE MONITORING RESULT

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AMS1N – 1-hour and 24-hour TSP monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m ³)	Average Concentration (µg/m ³)
5- Jun -25	Cloudy	60.0	32.0
11- Jun -25	Cloudy	22.7	22.0
17- Jun -25	Cloudy	22.3	15.0
23- Jun -25	Cloudy	33.3	33.0
27- Jun -25	Cloudy	38.3	40.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Jul -25	Sunny	38.7	38.0
9- Jul -25	Cloudy	22.0	16.0
15- Jul -25	Fine	26.7	23.0
21- Jul -25	Sunny	38.0	38.0
25- Jul -25	Fine	38.0	38.0
31- Jul -25	Fine	33.7	24.0



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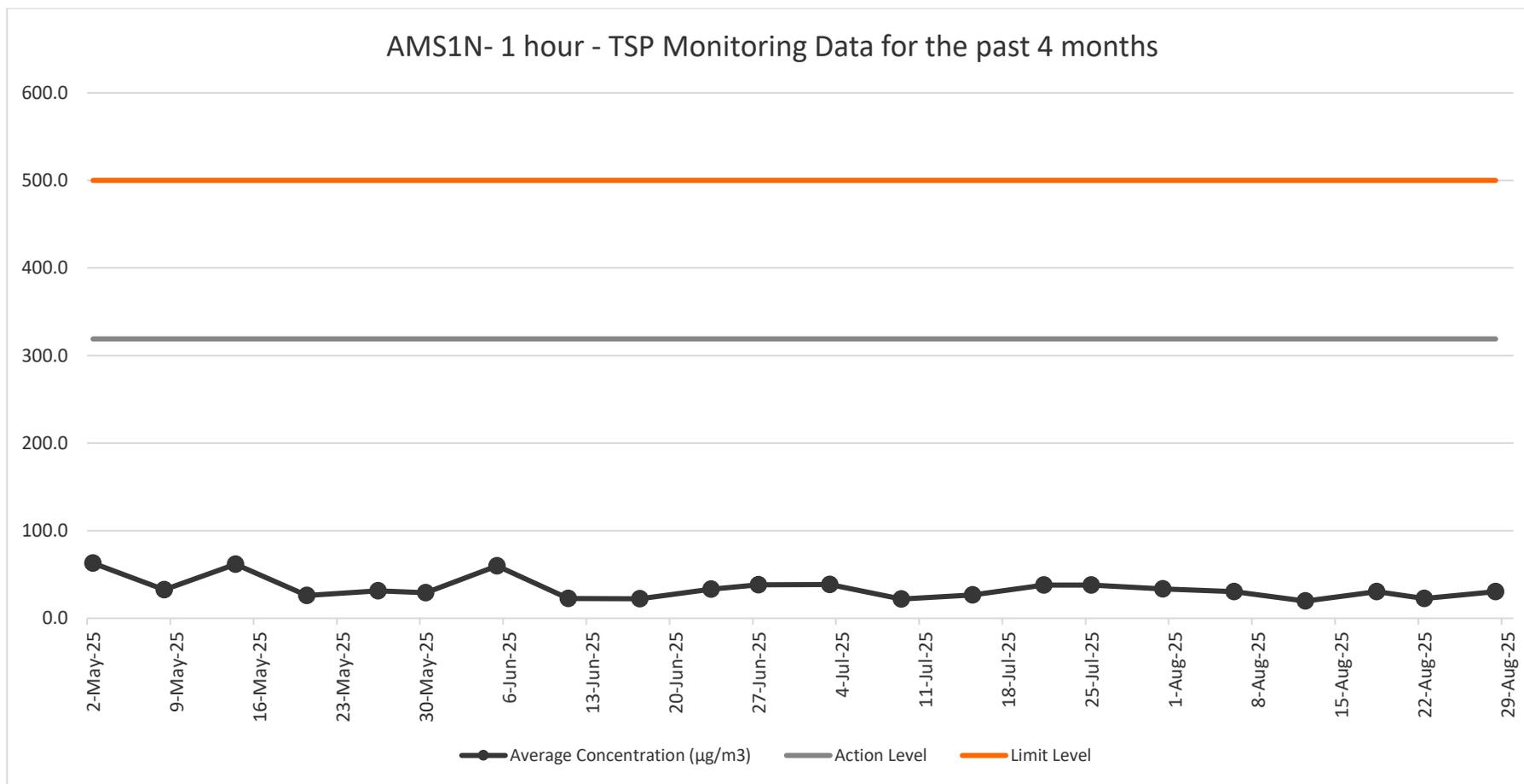
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
6- Aug -25	Cloudy	30.3	39.0
12- Aug -25	Fine	19.7	19.0
18- Aug -25	Cloudy	30.3	32.0
22- Aug -25	Fine	22.7	23.0
28- Aug -25	Cloudy	30.3	29.0
	Average:	31.7	29.0
	Action Level:	319	153
	Limit Level:	500	260



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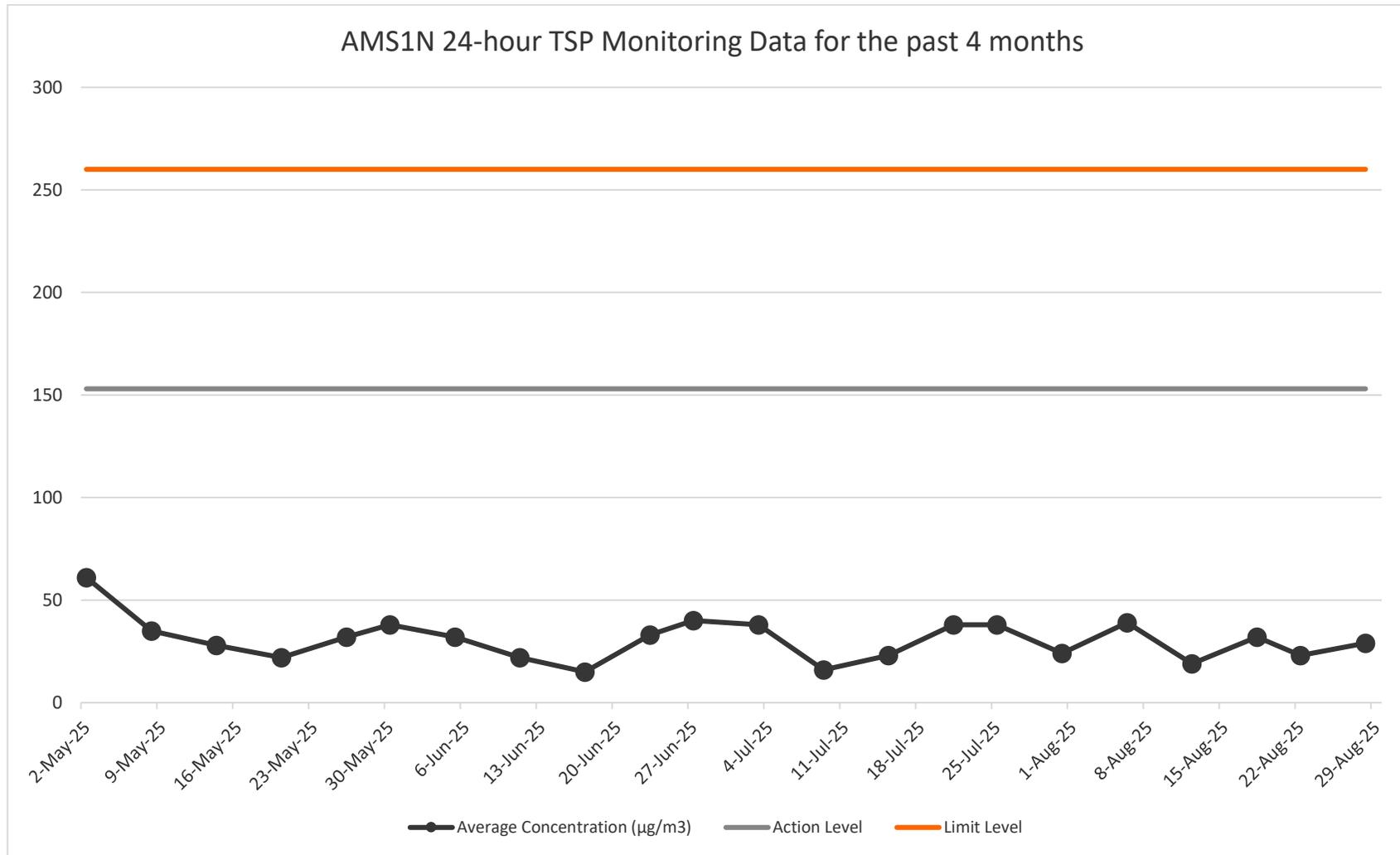
AMS1N- 1 – hour TSP Monitoring





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AMS1N- 24- hour TSP Monitoring



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AMS2N1 – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
5- Jun -25	Cloudy	59.7	28.0
11- Jun -25	Cloudy	19.3	21.0
17- Jun -25	Cloudy	27.3	16.0
23- Jun -25	Cloudy	28.3	29.0
27- Jun -25	Cloudy	42.7	38.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Jul -25	Sunny	44.0	45.0
9- Jul -25	Cloudy	22.0	13.0
15- Jul -25	Fine	25.3	22.0
21- Jul -25	Sunny	37.3	37.0
25- Jul -25	Fine	43.0	44.0
31- Jul -25	Fine	30.7	23.0



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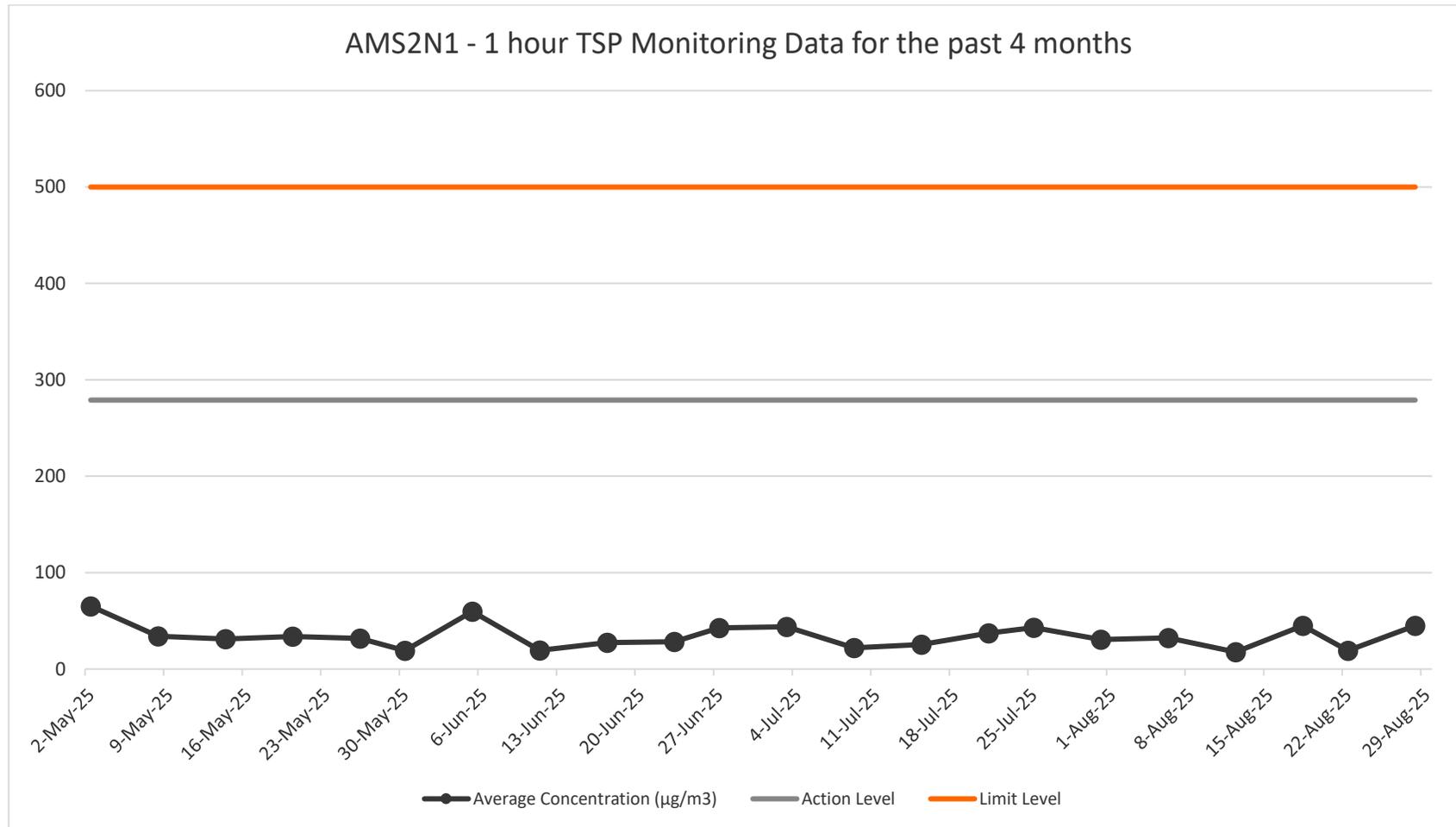
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
6- Aug -25	Cloudy	32.3	38.0
12- Aug -25	Fine	17.7	18.0
18- Aug -25	Cloudy	45.0	41.0
22- Aug -25	Fine	19.0	21.0
28- Aug -25	Cloudy	45.0	44.0
	Average:	33.6	29.9
	Action Level:	279	179
	Limit Level:	500	260



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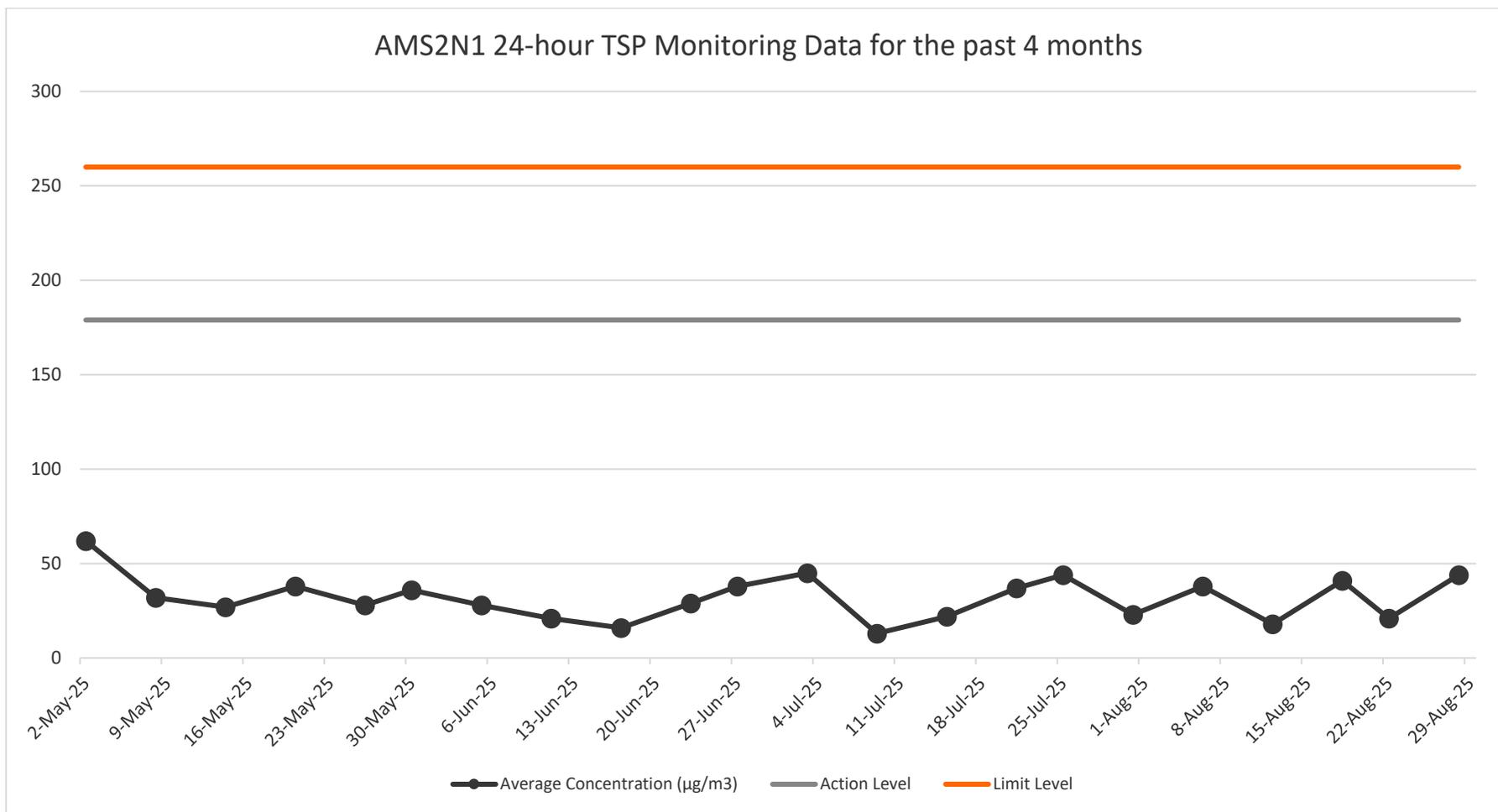
AMS2N- 1 – hour TSP Monitoring





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AMS2N1- 24 – hour TSP Monitoring



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AMS3N – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
5- Jun -25	Cloudy	70.7	37.0
11- Jun -25	Cloudy	16.7	20.0
17- Jun -25	Cloudy	23.3	14.0
23- Jun -25	Cloudy	38.0	38.0
27- Jun -25	Cloudy	37.3	37.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Jul -25	Sunny	36.3	37.0
9- Jul -25	Cloudy	19.7	14.0
15- Jul -25	Fine	20.7	20.0
21- Jul -25	Sunny	35.3	36.0
25- Jul -25	Fine	42.3	51.0
31- Jul -25	Fine	26.3	22.0



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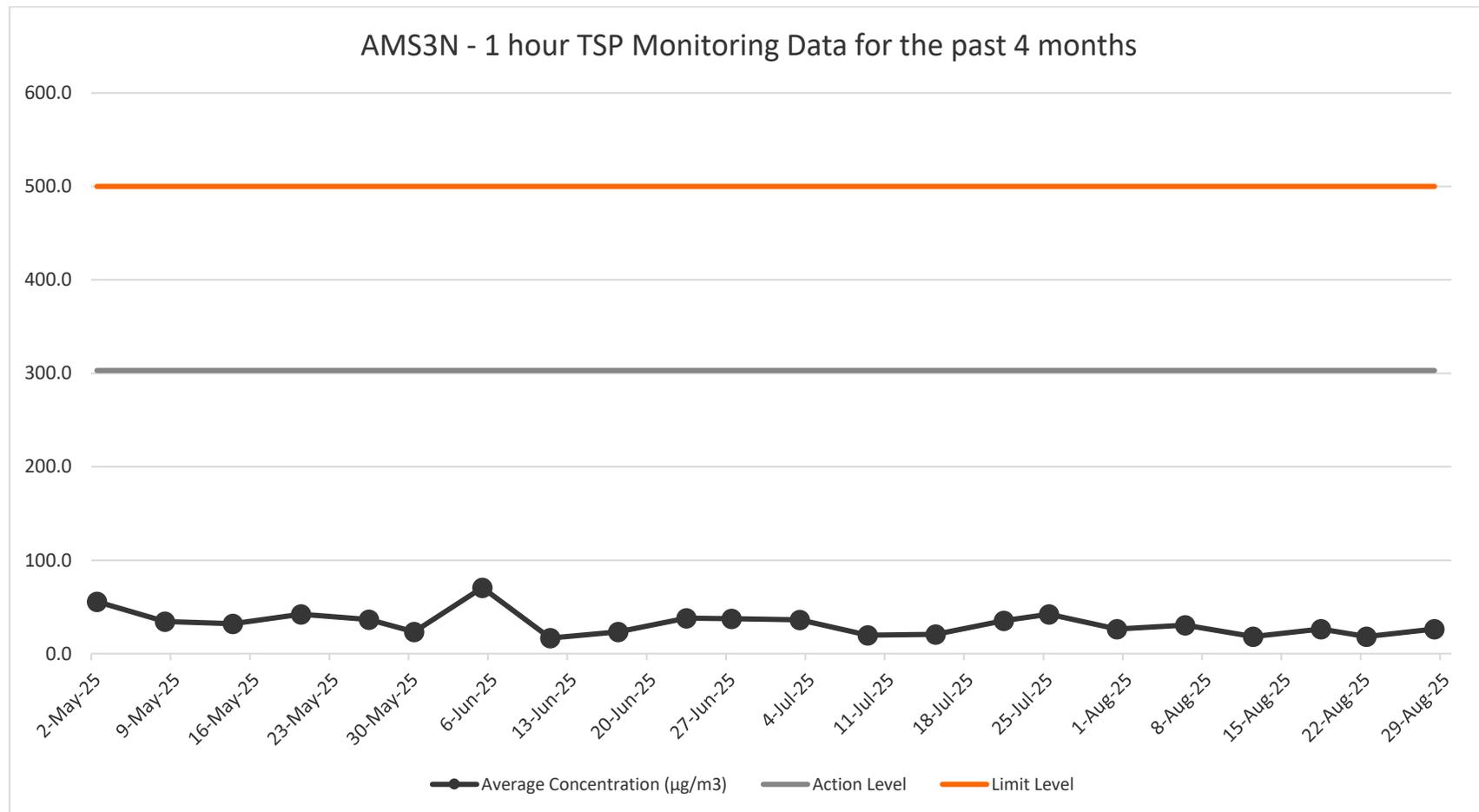
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
6- Aug -25	Cloudy	30.7	39.0
12- Aug -25	Fine	18.3	17.0
18- Aug -25	Cloudy	26.3	27.0
22- Aug -25	Fine	18.3	21.0
28- Aug -25	Cloudy	26.3	27.0
	Average:	30.5	28.6
	Action Level:	303	158
	Limit Level:	500	260



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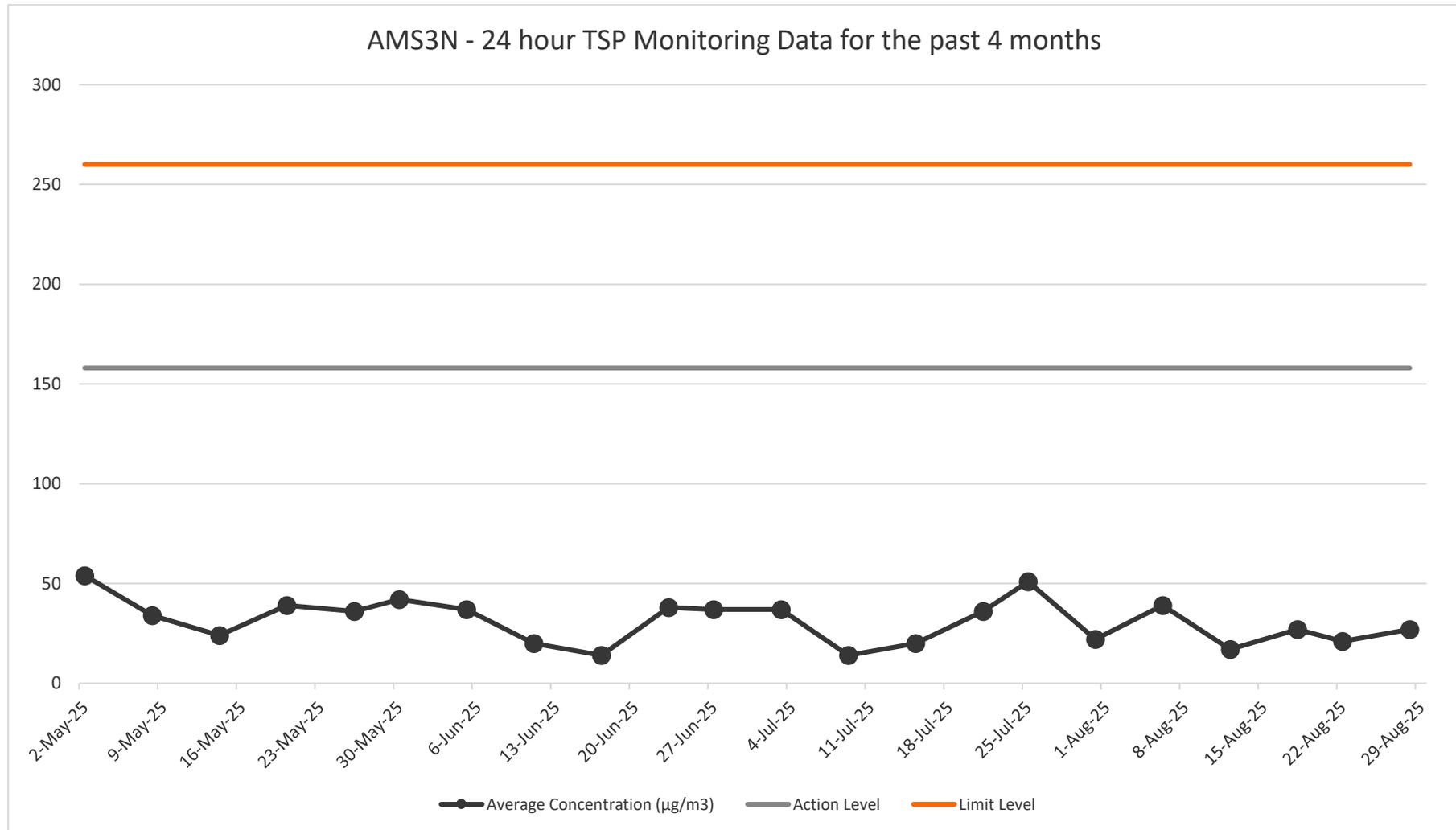
AMS3N- 1 – hour TSP Monitoring





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AMS3N – 24-hour TSP Monitoring



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AMS4N — 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
5- Jun -25	Cloudy	50.3	33.0
11- Jun -25	Cloudy	17.3	22.0
17- Jun -25	Cloudy	21.0	13.0
23- Jun -25	Cloudy	35.7	32.0
27- Jun -25	Cloudy	25.3	28.0



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Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Jul -25	Sunny	26.7	29.0
9- Jul -25	Cloudy	19.0	11.0
15- Jul -25	Fine	22.0	21.0
21- Jul -25	Sunny	30.7	30.0
25- Jul -25	Fine	28.7	30.0
31- Jul -25	Fine	28.3	23.0



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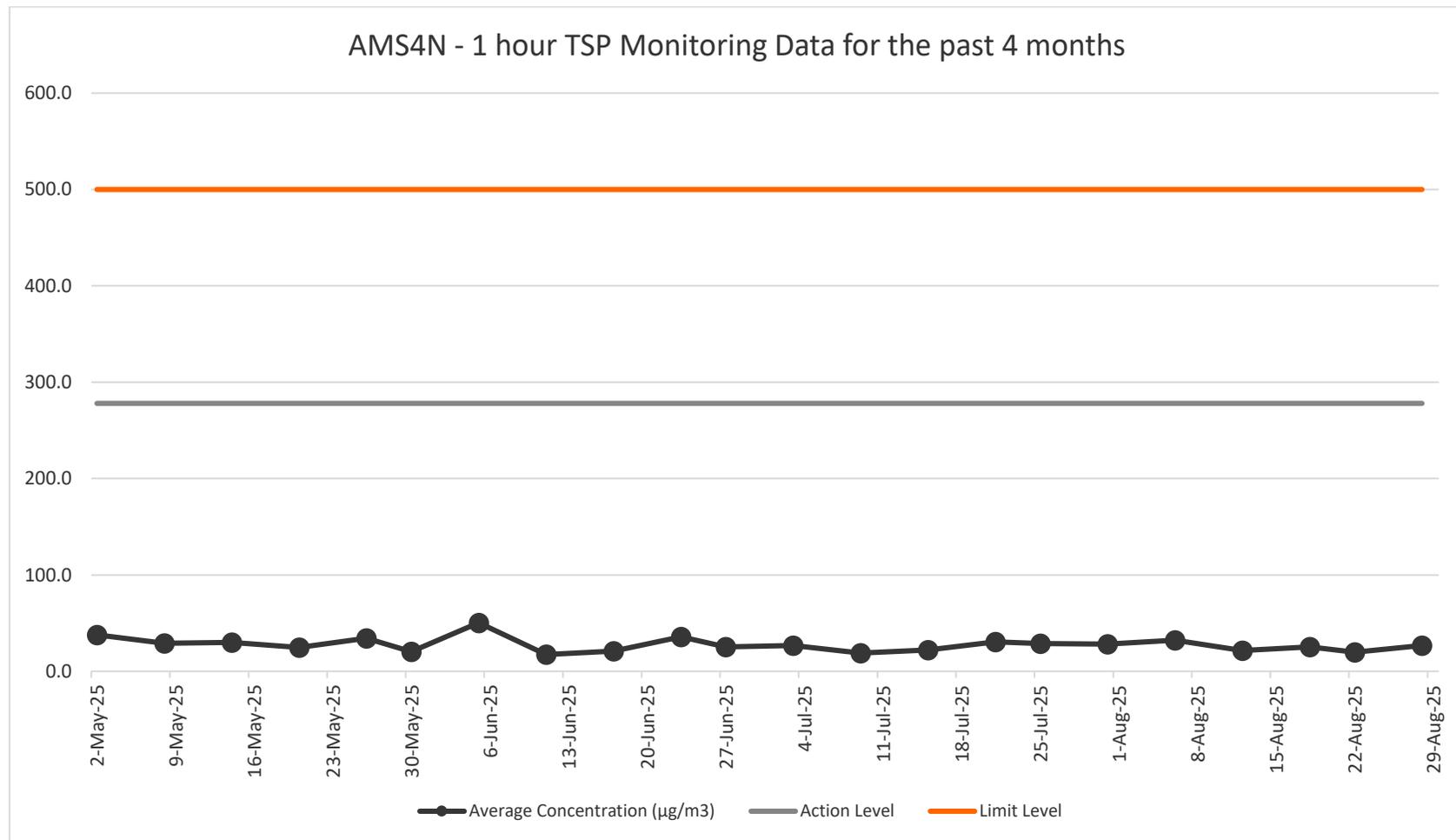
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Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
6- Aug -25	Cloudy	32.3	29.0
12- Aug -25	Fine	21.7	18.0
18- Aug -25	Cloudy	25.3	22.0
22- Aug -25	Fine	19.7	21.0
28- Aug -25	Cloudy	26.7	27.0
	Average:	26.9	24.3
	Action Level:	278	144
	Limit Level:	500	260



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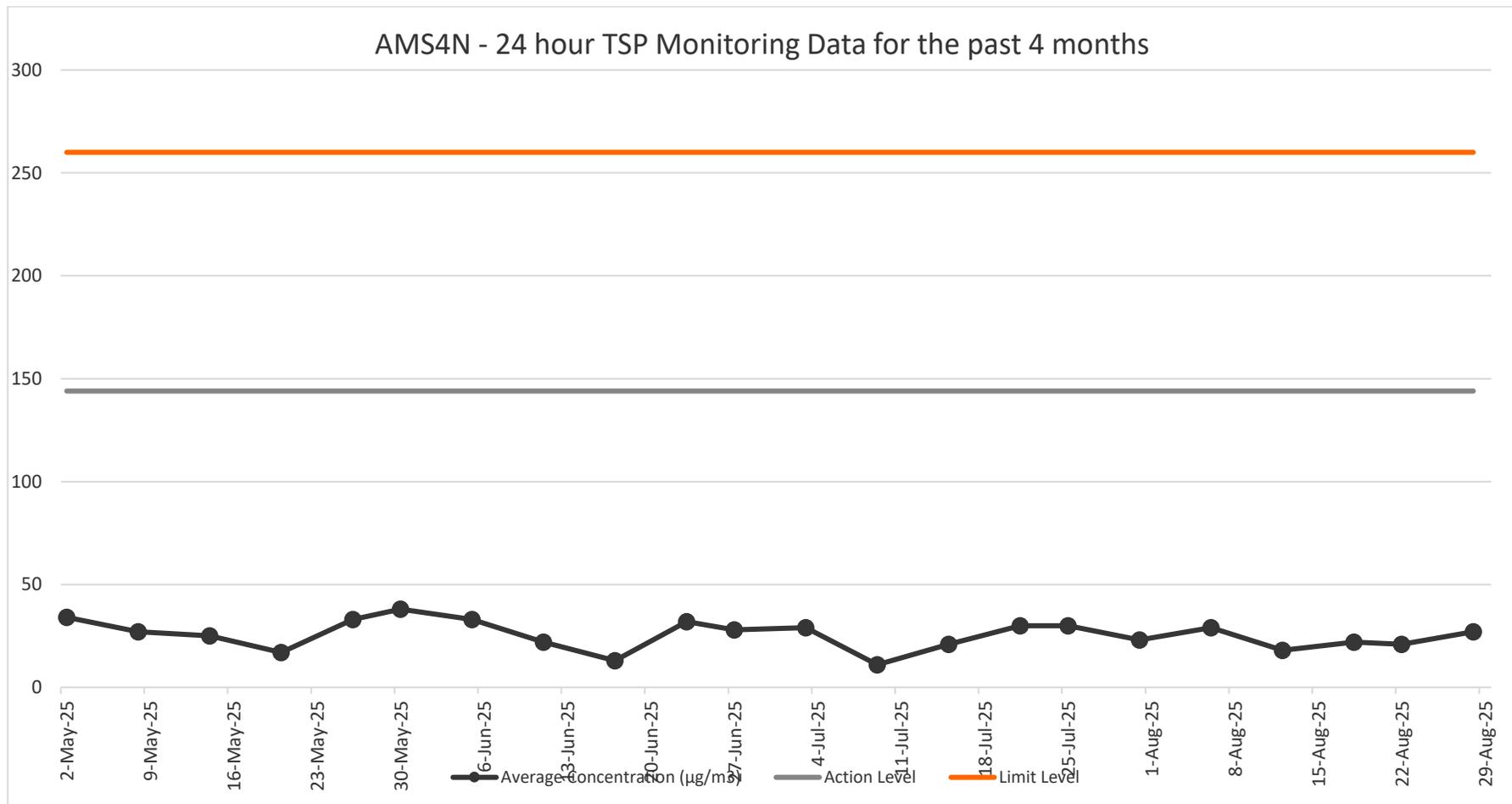
AMS4N- 1 – hour TSP Monitoring





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AMS4N- 24 – hour TSP Monitoring



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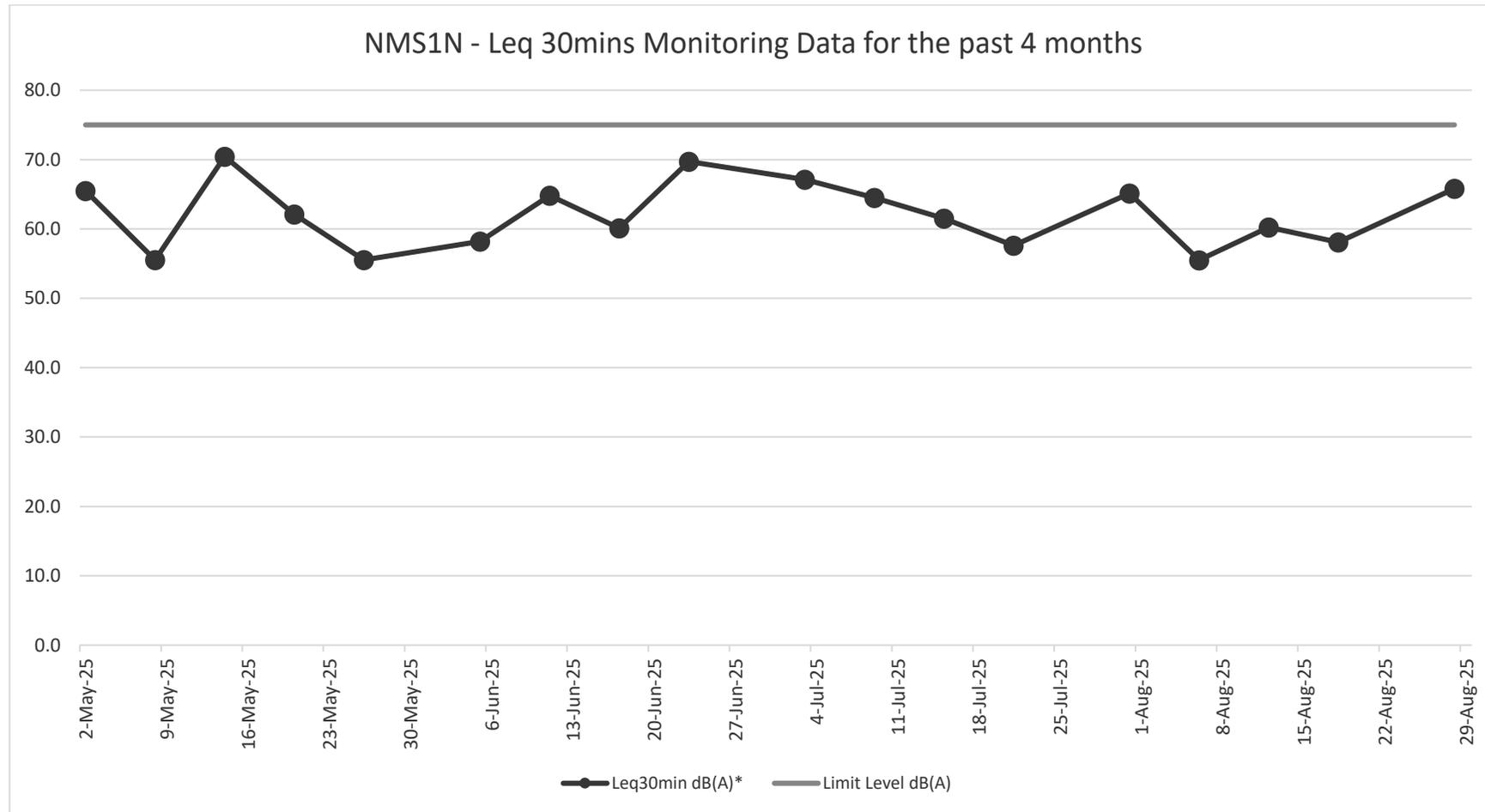
NMS1N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
5- Jun -25	Cloudy	58.2	53.7	60.9	75
11- Jun -25	Cloudy	64.8	54.5	66.1	75
17- Jun -25	Cloudy	60.1	57.0	61.6	75
23- Jun -25	Cloudy	69.7	55.0	72.7	75
3- Jul -25	Sunny	67.1	62.2	69.3	75
9- Jul -25	Cloudy	64.5	56.7	68.1	75
15- Jul -25	Fine	61.5	54.9	64.9	75
21- Jul -25	Sunny	57.6	53.8	60.1	75
31- Jul -25	Fine	65.1	59.7	66.8	75
6- Aug -25	Cloudy	55.5	53.0	59.6	75
12- Aug -25	Fine	60.2	54.9	63.3	75
18- Aug -25	Cloudy	58.1	54.7	59.7	75
28- Aug -25	Cloudy	65.8	61.2	68.1	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS1N – Leq30 Noise monitoring



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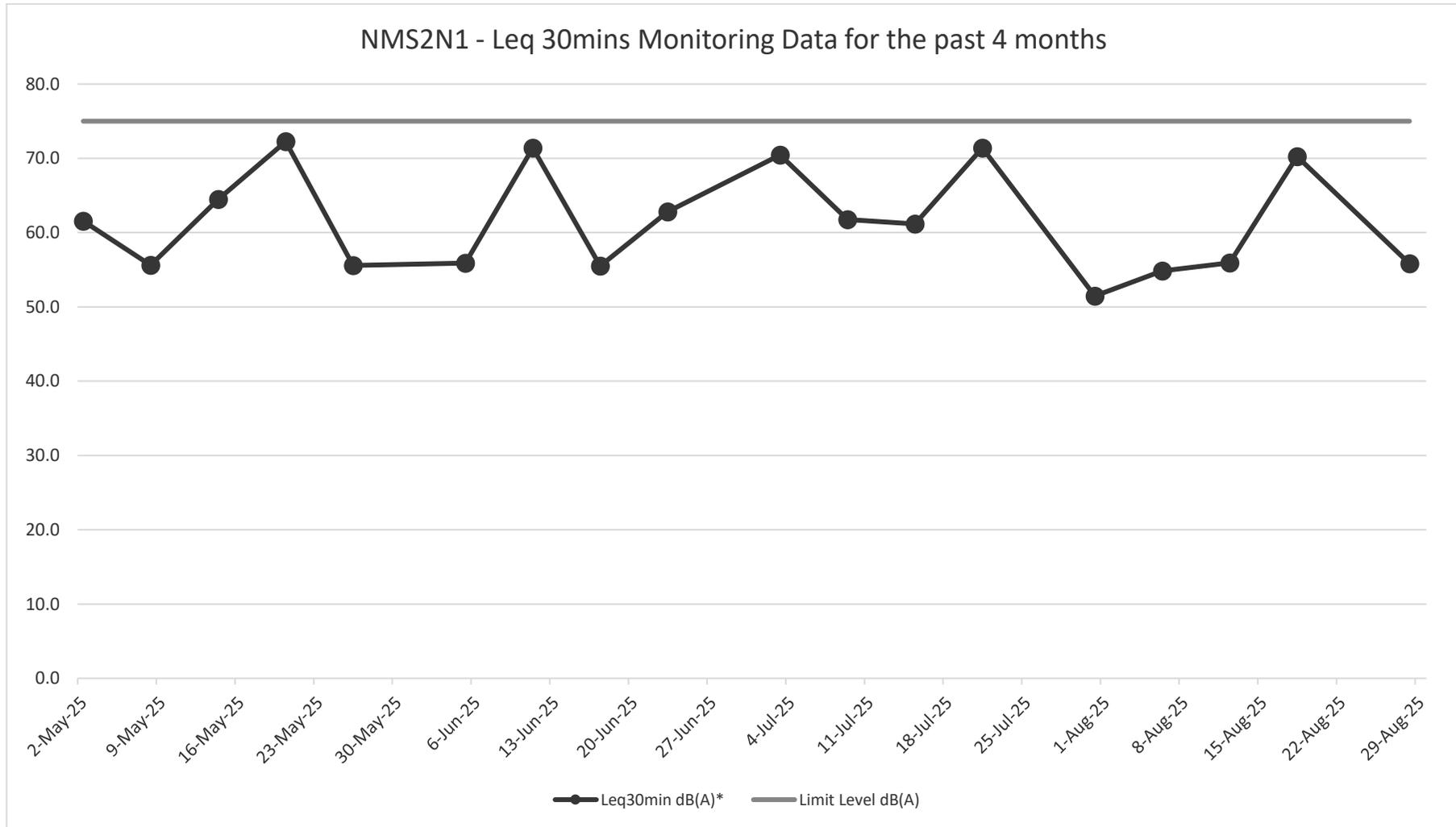
NMS2N1 – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
5- Jun -25	Cloudy	55.9	53.7	57.4	75
11- Jun -25	Cloudy	71.4	62.6	73.7	75
17- Jun -25	Cloudy	55.5	48.8	58.2	75
23- Jun -25	Cloudy	62.8	55.9	64.1	75
3- Jul -25	Sunny	70.5	68.2	72.0	75
9- Jul -25	Cloudy	61.8	59.5	63.4	75
15- Jul -25	Fine	61.2	57.8	63.3	75
21- Jul -25	Sunny	71.4	67.4	74.4	75
31- Jul -25	Fine	51.5	49.9	52.4	75
6- Aug -25	Cloudy	54.8	52.5	59.0	75
12- Aug -25	Fine	55.9	53.8	57.4	75
18- Aug -25	Cloudy	70.3	67.9	71.4	75
28- Aug -25	Cloudy	55.8	52.2	57.1	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS2N1 – Leq30 Noise monitoring



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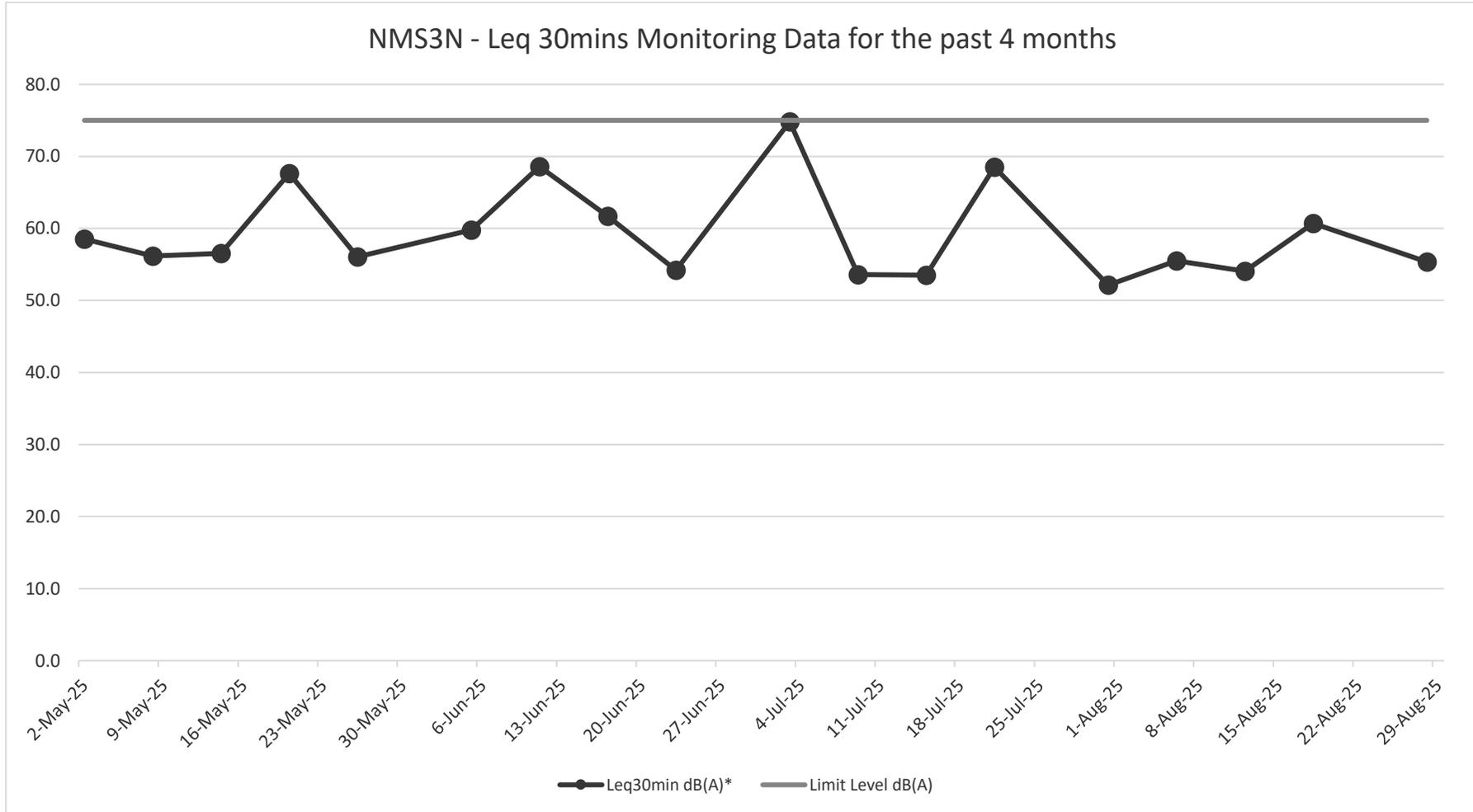
NMS3N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
5- Jun -25	Cloudy	59.8	55.6	61.9	75
11- Jun -25	Cloudy	68.6	55.4	71.2	75
17- Jun -25	Cloudy	61.7	60.4	62.5	75
23- Jun -25	Cloudy	54.2	51.8	56.0	75
3- Jul -25	Sunny	74.8	74.3	75.4	75
9- Jul -25	Cloudy	53.6	49.8	55.5	75
15- Jul -25	Fine	53.5	44.8	55.3	75
21- Jul -25	Sunny	68.5	62.8	70.6	75
31- Jul -25	Fine	52.1	49.0	54.4	75
6- Aug -25	Cloudy	55.5	53.0	59.5	75
12- Aug -25	Fine	54.1	46.5	57.4	75
18- Aug -25	Cloudy	60.7	58.8	61.9	75
28- Aug -25	Cloudy	55.4	52.2	57.6	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS3N – Leq30 Noise monitoring



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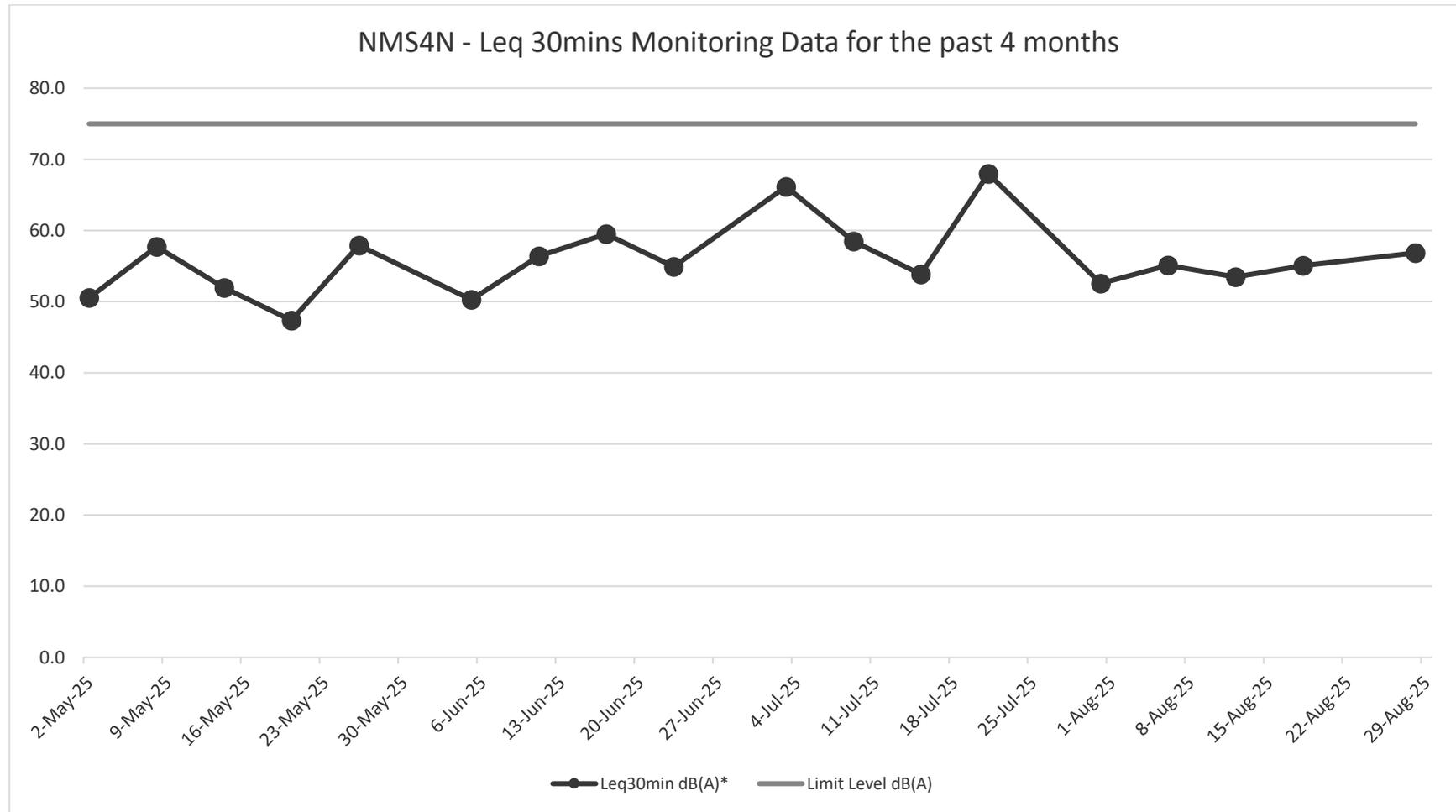
NMS4N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
5- Jun -25	Cloudy	50.3	43.4	53.8	75
11- Jun -25	Cloudy	56.4	50.3	59.6	75
17- Jun -25	Cloudy	59.5	55.6	61.7	75
23- Jun -25	Cloudy	54.9	48.6	56.9	75
3- Jul -25	Sunny	66.1	62.3	68.9	75
9- Jul -25	Cloudy	58.5	53.8	61.5	75
15- Jul -25	Fine	53.8	49.6	56.5	75
21- Jul -25	Sunny	68.0	63.3	71.3	75
31- Jul -25	Fine	52.6	48.4	54.8	75
6- Aug -25	Cloudy	55.1	52.3	59.9	75
12- Aug -25	Fine	53.5	45.5	55.8	75
18- Aug -25	Cloudy	55.1	53.6	56.8	75
28- Aug -25	Cloudy	56.8	53.3	60.7	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				



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NMS4N – Leq30 Noise monitoring



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APPENDIX H - SUMMARY OF WASTE FLOW TABLE



Monthly Summary Waste Flow Table for 2025 Year

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see note 3)	Chemical Waste	Other, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in Tonne]
Jan	0.003	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun	0.085	0.000	0.000	0.000	0.085	0.000	0.000	0.000	0.000	0.000	3.67
Sub-Total	0.088	0.000	0.000	0.000	0.088	0.000	0.000	0.000	0.000	0.000	3.67
Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.34
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.76
Sep											
Oct											
Nov											
Dec											
Total	0.088	0.000	0.000	0.000	0.088	0.000	0.000	0.000	0.000	0.000	23.77

- Note:**
- (1) The performance targets are given in the Environmental Management Plan.
 - (2) The waste flow table shall also include C&D materials to be imported for use at the Site.
 - (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

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APPENDIX I - CUMULATIVE STATISTICS ON COMPLAINTS, NOTIFICATIONS OF SUMMONS

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Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Environmental Complaint	Relevant to the Construction Work of Project Site? (Y/N)	Investigation/ Mitigation Action	Status
001	28 December 2021	EPD	ET	Waste Management	N	The investigation report was submitted on 7 April 2022	Closed
002	23 September 2024	EPD	ET	Waste Management	N	The investigation report was submitted on 27 September 2024	Closed
003	26 February 2025	EPD	ET	Wastewater Management / Air & Noise	N	The investigation report was submitted on 5 March 2025	Closed

Remarks: * No Notifications of Summons or Successful Prosecutions were received during the reporting period.

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Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions and Public Engagement Activities

Reporting Period	Complaints	Notifications of Summons and Prosecutions	Public Engagement Activities
2025/06	0	0	0
2025/07	0	0	0
2025/08	0	0	0
Cumulative Project-to-Date	3	0	0